

THE INDUSTRIAL ARTS INDEX

THIRTIETH ANNUAL VOLUME

1942

SUBJECT INDEX TO A SELECTED LIST OF ENGINEERING, TRADE
AND BUSINESS PERIODICALS, BOOKS AND PAMPHLETS

EDITED BY

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PREFACE

The thirtieth annual volume of the Industrial Arts Index is a cumulation of the monthly issues published from December, 1941, thru November, 1942. In the list of magazines indexed, the French and German titles have been retained, altho no French periodicals have been received since the beginning of the war, and no German periodicals since June, 1941. It is hoped that the indexing of these periodicals will be included later. Because of the omission of these foreign periodicals eighteen additional American publications were indexed in 1941. This year there have been no additions to the list and few changes. Transit Journal discontinued publication with the December, 1942 number. R C A Review suspended publication with the April, 1942, number. The Journal of the Aeronautical Sciences Review Section is now published as the Aeronautical Engineering Review. American Photography, having absorbed Photo Technique last January, the indexing of that journal was included. In addition to the indexing of the listed periodicals, this volume contains subject entries for numerous bulletins, reports, and pamphlets on topics which the indexed periodicals cover. It contains also subject entries for 2654 books which have been listed first in the monthly Index, in the section "Some Recent Book Titles" before becoming a part of the main alphabet.

M. E. P.

List of Periodicals Indexed

Acoustical Soc Am J—Journal of the Acoustical Society of America. \$6. q American Institute of Physics, 175 Fifth Av, New York (1v:Jl v14;i-s)

Indexing began July 1940 v 12, no 1

Adv & Sell—Advertising and Selling. \$3; single numbers 25c. m Robbins Pub Co, Inc, 9 E 38th St, New York (1v:Ja v85;i-none)

Usual extra number included as part of February 1942

Advanced Management—Advanced Management \$6 q Society for the Advancement of Management, Inc 29 W 39th St, New York (1v:Ja v7;i-l)

Formerly Society for the Advancement of Management Journal, a bi-monthly

Aero Digest—Aero Digest. \$3; single numbers 50c m Aeronautical Digest Pub. Corp, 515 Madison Av, New York (2v:Ja,Jl v40-41;i-s)

Aeronautical Eng R—Aeronautical Engineering Review. \$3; single numbers 30c. m Institute of the Aeronautical Sciences, Inc, 30 Rockefeller Plaza, New York (1v Ap v 1;i-s)

Formerly Journal of the Aeronautical Sciences, Aeronautical Review Section

Price of November issue \$1

Am Assn of Textile Chemists and Colorists. Proceedings. Published in American Dyestuff Reporter

Am Assn Pet Geologists Bul—Bulletin of the American Association of Petroleum Geologists \$15, single numbers \$1 50 m American Association of Petroleum Geologists, Inc 708 Wright Bldg, Tulsa, Oklahoma (1v:Ja v26;i-s) i-s)

Am Bankers Assn J. See Banking

Am Bld—American Builder and Building Age \$2; single numbers 25c. m Simmons-Boardman Pub Corp, 30 Church St, New York (1v:Ja v64;i-none)

Am Business—American Business combined with System. \$3; single numbers 35c. m Dartnell Publications, Inc, 4660 Ravenswood Av, Chicago (1v:Ja v12;i-none)

Indexing began August 1935 when it was combined with System

Am Cer Soc Bul—Bulletin of the American Ceramic Society. \$1.50; single numbers 25c. m American Ceramic Society, 2525 N High St, Columbus, Ohio (1v Ja v21;i-s)

Published as American Ceramic Society Journal and Bulletin from January thru April 1942. Beginning with May 1942 published as American Ceramic Society Ceramic Abstracts and Bulletin

Am Cer Soc J—Journal of the American Ceramic Society. \$15; single numbers \$1.50. m American Ceramic Society, 2525 N High St, Columbus, Ohio (1v:Ja 25;i-s)

From January thru April 1942 published the first of each month as Journal and Abstracts and on the 15th of each month as Journal and Bulletin, the Journal and Bulletin continuing their own volume numbers and pagination. Beginning with the May, 1942, issue the Journal resumed monthly publication (the first of the month) and Ceramic Abstracts and Bulletin were combined and are published the 15th of each month

Am Cer Soc J (Bul)—Journal and the Bulletin, American Ceramic Society. \$1.50; single numbers 25c. m American Ceramic Society, 2525 N. High St, Columbus, Ohio

Am Chem Soc J—Journal of the American Chemical Society. \$8.50. m Charles L. Parsons, sec, 1155 16th St, N.W., Washington, D.C. (1v:Ja v64;i-s)

Am Concrete Inst J—Journal of the American Concrete Institute. \$7.50; single numbers \$1.50. 6 times a year (S, N, Ja, F, Ap, Je) American Concrete Institute, 7400 Second Blvd, Detroit, Mich. (1v:S v14;i-s)

Began publication as v 1 (Proceedings, v 26) November, 1929

Am Dyestuff Rep—American Dyestuff Reporter. \$5; single numbers 50c. bi-w Howes Pub. Co, 440 4th Av, New York (1v:Ja v31;i-s)

Includes Proceedings of American associations of textile chemists and colorists

Am Gas Assn Mo—American Gas Association Monthly. \$3. m (bi-m Jl-Ag) American Gas Assn, Inc, 420 Lexington Av, New York (1v:Ja v24;i-l)

Am Gas Assn Proc—American Gas Association Proceedings. Annual conventions. Proceedings. annual American Gas Association, Inc, 420 Lexington Av, New York (23d annual convention, 1941)

Am Gas J—American Gas Journal. \$2; single numbers 25c m American Gas Journal, Inc, Dodge Bldg, 53 Park Pl, New York (2v:Ja, Jl v156-157;i-l)

Am Inst Banking Bul—Bulletin of the American Institute of Banking. \$1; single numbers 25c. q American Bankers Assn, American Institute of Banking Section, 22 E 40th St, New York (1v Ja v24;i-r)

Am Inst Chem Eng Trans—American Institute of Chemical Engineers. Transactions. \$10; single numbers \$2. bi-m American Institute of Chemical Engineers, 50 E 41st St, New York (1v:F v38;i-s)

Changed from a quarterly to a bi-monthly beginning February 1938

Am Inst E E J. See Elec Eng

Am Inst of Mining and Metallurgical Engineers. See Min & Met

Am J Sci—American Journal of Science. \$6; single numbers 60c. m American Journal of Science, New Haven, Conn. (1v:Ja v240;i-s)

Am Mach—American Machinist. \$5; single numbers 35c bi-w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York (1v:Ja v86;i-r)

Am Pet Inst Proc—American Petroleum Institute Proceedings. 50 W 50th St, New York (22d annual meeting, 1941, v22, pts 1,3,4) No mid-year meeting for 1942

Am Phot—American Photography. \$2.50; single numbers 25c. m American Photographic Pub. Co, 353 Newbury St, Boston, Mass. (1v:Ja v36;i-r)

Absorbed Photo Technique, January, 1942

Am Soc C E Proc—Proceedings of American Society of Civil Engineers. \$8; single numbers \$1. m (except Jl and Ag) American Society of Civil Engineers, 33 W 39th St, New York (1v Ja v68;i-s)

Publications of societies, institutions, etc. are listed under the names of the organizations. i-l=index sent loose, i-r=index sent upon request; i-s=index stitched in volume. Month abbreviation followed by volume number=Month in which new volume begins and the number of the new volume beginning in 1942.

- Am Soc for Metals Trans**—Transactions of the American Society for Metals. \$6; single numbers \$2. q American Society for Metals, 7301 Euclid Av, Cleveland, Ohio (1v:Mr v30,i-r)
Formerly Transactions of American Society for Steel Treating
- Am Soc Heat & V E J.** See Heating-Piping
- Am Soc M E J.** See Mech Eng
- Am Soc Steel Tr Trans.** See Am Soc for Metals Trans
- Am Soc T M Proc**—American Society for Testing Materials. Proceedings, annual American Society for Testing Materials, 260 S Broad St, Philadelphia (1v:v41)
- Am Statist Assn J**—Journal of the American Statistical Association \$6; single numbers \$1.50. q American Statistical Association, American University, Washington, D.C. (1v:Mr v37;i-s)
- Am Water Works Assn J**—Journal of the American Water Works Association \$7; single numbers 75c, to members 50c. m American Water Works Assn, 22 E. 40th St, New York (1v:Ja v34;i-l)
- Angew Chemie**—Angewandte Chemie. RM \$8; single numbers RM 1.70 bi-w Verlag Chemie, G. m. b. H. Woyrschstrasse 37, Berlin W 85, Germany (1v:Ja v54,i-l)
Indexed thru June 7, 1941
- Ann Am Acad**—Annals of the American Academy of Political and Social Science. \$6; single numbers \$2. bi-m American Academy of Political and Social Science, 3457 Walnut St, Philadelphia (6v:Ja,Mr,My,JI,S,N v219-224,i-s)
- Arch Forum**—Architectural Forum \$4; single numbers \$1. m Time, Inc, 330 E 22d St, Chicago (2v:Ja,JI v76-77,i-r)
- Arch Rec**—Architectural Record combined with American Architect and Architecture \$3; single numbers \$1. m F. W. Dodge Corp, 115 W 40th St, New York (2v:Ja,JI v91-92;i-s)
Purchased American Architect and Architecture, March 1938
- Assn of Sp Lib & Inf Bur Proc**—Association of Special Libraries and Information Bureaux Proceedings 5s annual Association of Special Libraries and Information Bureaux, 31 Museum St, London, W C 1
Not published in 1941, 1942
- Automobile Eng**—The Automobile Engineer £1 17s 4d; single numbers 2s 6d m Iliffe & Sons, Ltd, Dorset House, Stamford St, London, S.E. 1 (1v Ja v32,i-r, cost 6d)
Extra motor show review number published in November
- Automotive & Aviation Ind**—Automotive and Aviation Industries \$1, single numbers 25c s-m Chilton Co, Chestnut & 56th Sts, Philadelphia (2v Ja,JI v86-87,i-none)
- Automotive Ind**—Automotive Industries \$1; single numbers 25c s-m Chilton Co, Chestnut & 56th Sts, Philadelphia (2v:Ja,JI v84-85;i-none)
Name changed to Automotive and Aviation Industries, February 1, 1942
- Aviation**—Aviation. \$3; single numbers 50c. m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v:Ja v41,i-none)
- Bankers M**—Bankers Magazine \$5; single numbers 50c m Bankers Publishing Co, 465 Main St, Cambridge, Mass (2v:Ja,JI v144-145;i-r)
- Bankers Mo**—Bankers Monthly. \$5; single numbers 50c. m Rand McNally & Co, 536 South Clark St, Chicago (1v:Ja v59;i-none)
Formerly Rand McNally Bankers Monthly
- Banking**—Banking; Journal of the American Bankers Association. \$3; single numbers 25c. m American Bankers Association, 22 E 40th St, New York (1v:JI v35;i-r)
Formerly American Bankers Association Journal
- Barron's**—Barron's. \$10; single numbers 25c. w Barron's Pub. Co, Inc, 40 New St, New York (1v:Ja v22;i-r)
- Bell System Tech J**—Bell System Technical Journal \$1 50, single numbers 50c. irr American Telephone and Telegraph Co, 195 Broadway, New York
Published irregularly in 1942
October 1941 and June 1942 numbers indexed in this volume
- Blast F & Steel Pl**—Blast Furnace and Steel Plant \$2; single numbers 50c. January and August numbers \$1 ea m Steel Publications, Inc, Thaw Bldg, 108 Smithfield St, Pittsburgh, Pa. (1v Ja v30,i-r)
- Boston Soc C E J**—Journal of the Boston Society of Civil Engineers \$4, single numbers \$1. q Boston Society of Civil Engineers, 715 Tremont Temple, Boston (1v:Ja v29;i-s)
- Brick & Clay Rec**—Brick and Clay Record \$5; single numbers 50c m Industrial Publications, Inc, 59 E Van Buren St, Chicago (2v:Ja,JI v100-101;i-s)
- Burroughs Clearing House**—Burroughs Clearing House m Burroughs Adding Machine Co, Second Blvd and Burroughs Av, Detroit, Mich (1v.O v27,i-none)
- Bus Transportation**—Bus Transportation. \$3; single numbers 35c. m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v:Ja v21;i-s)
- Business Week**—Business Week. \$5; single numbers 20c w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York (without vol no,i-r)
- Can Chem & Process Ind**—Canadian Chemistry and Process Industries \$4, single numbers 40c m Westman Publications, Ltd, 137 Wellington St, West, Toronto, Ont 2 (1v Ja v26;i-r)
Formerly Canadian Chemistry and Metallurgy
- Can Eng R & S**—Canadian Engineer. Roads and Bridges. \$2, \$3 in U. S; with Water and Sewage section \$3; \$4 50 in U.S. m Monetary Times Printing Co. of Canada, Ltd, 341 Church St, Toronto, Ont 2 (1v Ja v79,i-none)
Name changed to Roads and Bridges, January, 1942
- Can Eng W & S**—Canadian Engineer Water and Sewage \$2, \$3 in U.S, with Roads and Bridges section \$3, \$4.50 in U.S. m Monetary Times Printing Co. of Canada, Ltd, 341 Church St, Toronto, Ont 2 (1v Ja v79,i-none)
Name changed to Water and Sewage, December, 1941
- Can Min J**—Canadian Mining Journal \$3 m National Business Publications, Ltd, Gardenvale, Que (1v Ja v63,i-s)
- Cer Ind**—Ceramic Industry. \$4, single numbers 50c m Industrial Publications, Inc, 59 E Van Buren St, Chicago (2v Ja,JI v38-39,i-s)
- Chem Age (Lond)**—The Chemical Age. 26s; single numbers 8d w Benn Brothers, Ltd, Bouverie House, 164 Fleet St, London, E.C. 4 (2v Ja,JI v46-47,i-r)
- Chem & Eng N**—Chemical and Engineering News \$2, single numbers 15c s-m American Chemical Society, Charles L. Parsons, sec, 1155 16th St, N W Washington, D.C (1v:Ja v20,i-s)
- Chem & Ind**—Chemistry and Industry. £2 15s. single numbers 1s 11d w Society of Chemical Industry Clifton House, Euston Road, London, N.W 1 (1v:Ja v61,i-r)
Published as section of Journal of the Society of Chemical Industry until 1937
Subscription price including Journal of the Society of Chemical Industry and Abstracts £5
- Chem & Met Eng**—Chemical and Metallurgical Engineering \$3, single numbers 35c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v:Ja v49;i-s)
- Chem Ind**—Chemical Industries. \$4; single numbers 50c m Trade Press Pub. Corp, 522 Fifth Av, New York (2v:Ja,JI v50-51;i-l)
Published twice in October; second issue, Buyer's Guidebook number
- Chem R**—Chemical Reviews. \$9. (\$7 to members of American Chemical Society) bi-m Williams & Wilkins Co, Mount Royal and Guilford Aves, Baltimore, Md. (2v:F,Ag v30-31;i-s)

- Chem Soc J**—Journal of the Chemical Society £3 10s m S E Carr, The Chemical Society, Burlington House, Piccadilly, London, W 1 (without vol no, i-l)
- Chimie & Ind**—Chimie & Industrie. \$30; single numbers \$2 50 s-m Société de Chimie Industrielle, 28 Rue Saint-Dominique, Paris, France (1v Ja v43, i-r)
No numbers received after May 1940
- Civil Aero J**—Civil Aeronautics Journal; Issued monthly by the Civil Aeronautics Administration 50c single numbers 5c m Superintendent of Documents, Washington, D C (1v Ja v3, i-s)
Formerly Air Commerce Bulletin
Changed from semi-monthly to monthly, May 1942
- Civil Eng**—Civil Engineering \$5, single numbers 50c m American Society of Civil Engineers, 33 W 39th St, New York (1v Ja v12, i-s)
- Coal Age**—Coal Age \$3, single numbers 35c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v47, i-s)
- Comm & Fin Chr**—Commercial & Financial Chronicle \$26, single numbers 60c s-w William B Dana Co, 25 Spruce St, New York (2v Ja, J1 v155-166, i-l)
Combined with Security Dealers Weekly Financial Reporter, September 4, 1941, when it changed to a three times a week publication and began a new volume, v 154
With February 17, 1942 number changed again to twice a week, Tuesday and Thursday, beginning March 2, Monday and Thursday
- Comp Air M**—Compressed Air Magazine \$3, single numbers 35c m Compressed Air Magazine Co, Phillipsburg, New Jersey (1v Ja v47, i-r)
- Concrete**—Concrete \$2, mill ed \$3; single numbers 40c m Concrete Pub Corp, Daily News Plaza, 400 W Madison St, Chicago (1v Ja v50, i-s)
- Consumers' Research Bul**—Consumers' Research Bulletin (Not Confidential). \$2, single numbers 30c m (except J1 and Ag) Consumers' Research, Inc, Washington, New Jersey (1v O v11, i-s)
Beginning October 1941 the Bulletin was combined with Consumers' Digest [discontinued with June, 1941, issue], dropped the numbering of General Bulletin Series and continued the volume number of the Digest [volume 9]
- Credit & Fin Management**—Credit and Financial Management \$3, single numbers 25c m National Association of Credit Men, 1 Park Av, New York (1v Ja v44, i-s)
- Diesel Power**—Diesel Power and Diesel Transportation \$3, single numbers 35c m Diesel Publications, Inc, 192 Lexington Av, New York (1v Ja v20, i-none)
- Dom Eng**—Domestic Engineering \$2, single numbers 25c m Domestic Engineering Co, 1900 Prairie Av, Chicago (2v Ja, J1 v159-160, i-none)
- Dun's R**—Dun's Review \$4, single numbers 35c m Dun & Bradstreet, Inc, 290 Broadway, New York (1v Ja v50, i-s)
Formerly Dun & Bradstreet Monthly Review
- Dun's Statia R**—Dun's Statistical Review \$1, single numbers 10c m Dun & Bradstreet, Inc, 290 Broadway, New York (1v Ja v61, i-none)
- East Underw**—Eastern Underwriter, \$3; single numbers 25c w Eastern Underwriter Co, 41 Maiden Lane, New York (1v Ja v43, i-none)
- Econ Geol**—Economic Geology. \$5; single numbers 75c s-q Economic Geology Pub Co, Prince and Lemon Sts, Lancaster, Pa (1v Ja v37, i-s)
- Economist**—Economist £3; single numbers 1s w Economist Newspaper, Ltd, Brettenham House, Lancaster Place, London W C 2 (2v Ja, J1 v142-143, i-l)
- Edison Elec Inst Bul**—Edison Electric Institute Bulletin. \$2; single numbers 25c m Edison Electric Institute, 420 Lexington Av, New York (1v Ja v10, i-l)
November and December 1942 numbers combined
- Elec Eng**—Electrical Engineering \$12, single numbers \$1 50 m American Institute of Electrical Engineers, 33 W 39th St, New York (1v Ja v61, i-l)
- Elec R (Lond)**—Electrical Review £1 14s 8d; Canadian subs £1 12s 6d, single numbers 6d w Electrical Review, Dorset House, Stamford St, London, S E 1 (2v Ja, J1 v130-131, i-r)
v128 began Nov 8, 1940 (smaller size)
- Elec W**—Electrical World \$5; single numbers 25c w McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (2v Ja, J1 v117-118, i-s)
Regular issue alternates with a News Edition
- Elec West**—Electrical West \$2, single numbers 25c m McGraw-Hill Co of California, 68 Post St, San Francisco, Calif. (2v Ja, J1 v88-89, i-r)
- Electrician**—Electrician 30s; single numbers 6d w Benn Bros, Ltd, Bouverie House, 154 Fleet St, London, E C 4 (2v Ja, J1 v128-129, i-l)
- Electrochem Soc Trans**—The Electrochemical Society Transactions The Electrochemical Society, Columbia University, New York
Formerly American Electrochemical Society
Preprints are indexed
- Electronics**—Electronics \$5, single numbers 50c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v15, i-s)
Price of the June issue \$1
- Eng & Min J**—Engineering and Mining Journal \$3, single numbers 50c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v143, i-s)
- Eng Educ**. See J Eng Educ
- Eng N**—Engineering News-Record \$5; single numbers 25c w McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (2v Ja, J1 v128-129, i-s)
- Engineer**—Engineer £3 3s; Canadian subs £2 18s 6d, single numbers 1s 3d w Engineer, 28, Essex St, Strand, London, W C 2 [with bi-monthly supplement "Metallurgist"] (2v Ja, J1 v173-174, i-l)
Bi-monthly supplement "Metallurgist" suspended for the duration of the war
- Engineering**—Engineering Thick paper ed £3 7s 6d, Canadian subs £3 3s, thin paper ed £3 3s, Canadian subs £2 18s 6d, single numbers 1s 2½d w Engineering, Ltd, 35 and 36, Bedford St, Strand, London, W C 2 (2v Ja, J1 v153-154, i-r)
- Explosives Eng**—The Explosives Engineer \$1, single numbers 15c m Explosives Engineer, 939 Delaware Trust Bldg, Wilmington, Delaware (1v Ja v20, i-s)
- Factory Management**—Factory Management and Maintenance \$3, single numbers 35c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v100, i-r)
- Fed Res Bul**—Federal Reserve Bulletin \$2; single numbers 20c (to non-members) m Board of Governors of the Federal Reserve System, Constitution Av at 20th St, Washington, D C (1v Ja v28, i-s)
- Food Ind**—Food Industries \$3; single numbers 35c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v14, i-s)
- For Comm W**—Foreign Commerce Weekly. \$4 50, single numbers 10c w Superintendent of Documents, Washington, D.C. (4v Ja, Ap, J1, O v6-9, i-l)
Replaces Commerce Reports and Comparative Law Series
- Fortune**—Fortune. \$10; single numbers \$1 m Time, Inc, 330 E 22d St, Chicago (2v Ja, J1 v25-26, i-r)
- Foundry**—Foundry. \$2; single numbers 25c m Penton Pub Co, Penton Bldg, Cleveland, O. (1v Ja v70, i-r)

- Franklin Inst J**—Journal of the Franklin Institute. \$8; single numbers 60c. m Franklin Institute, Benjamin Franklin Parkway at 20th St, Philadelphia (2v:Ja,JI v233-234;i-s)
- Gas Age**—Gas Age combining Natural Gas, Gas Age, Gas Record. \$3; single numbers 25c. bi-w Robbins Pub Co, Inc, 9 E 38th St, New York (2v:Ja,JI v89-90;i-l)
- Gas J (Lond)**—Gas Journal, single numbers 1s. w Walter King, Ltd, 11 Bolt Court, Fleet St, London, E C. 4 (4v Ja,Ap,JI,O v237-240,i-l)
- Gen Elec R**—General Electric Review. \$3; single numbers 30c. m General Electric Co, Schenectady, N.Y. (1v:Ja v45;i-l)
- Génie Civil**—Le Génie Civil 280 fr; single numbers 5 fr w Génie Civil, 5 Rue Jules-Lefebvre, Paris (8°), France (2v:Ja,JI v116-117;i-l)
No numbers received after June 1, 1940
- Geol Soc Bul**—Bulletin of the Geological Society of America \$10. m Geological Society of America, H. R. Aldrich, sec, 419 W 117th St, New York (1v:Ja v53;i-l)
- Glass Ind**—Glass Industry \$3; single numbers 25c m Ogden-Watney Publishers, Inc, 55 W 42d St, New York (1v:Ja v23;i-none)
- Harvard Business R**—Harvard Business Review. \$5; single numbers \$1.25 q McGraw-Hill Book Co, Inc, 330 W 42d St, New York (1v [S] v21,i-s)
- Heat & Ven**—Heating and Ventilating \$2; single numbers 30c m Industrial Press, 148 Lafayette St, New York (1v Ja v39;i-r)
- Heating-Piping**—Heating, Piping and Air Conditioning. \$2, single numbers 25c m Keeney Pub. Co, 6 N Michigan Av, Chicago (1v Ja v14;i-s)
Includes American Society of Heating and Ventilating Engineers Journal section
- III U Eng Exp Sta Bul**—Illinois University Engineering Experiment Station Bulletin irr Univ of Ill, Urbana
- III U Eng Exp Sta Circ**—Illinois University Engineering Experiment Station Circular irr Univ of Ill, Urbana
- Illum Eng**—Illuminating Engineering including Transactions of the Illuminating Engineering Society. \$7.50; single numbers \$1. m (except Ag and O) Illuminating Engineering Society, 51 Madison Av, New York (1v Ja v37,i-s)
- Illum Engr. See Light & Lighting**
- Ind & Eng Chem**—Industrial and Engineering Chemistry Industrial Edition single numbers 75c m American Chemical Society, Charles L Parsons, sec, 1155 16th St, N.W., Washington, D.C. (1v:Ja v34,i-s)
With Analytical edition \$4
- Ind & Eng Chem Anal ed**—Industrial and Engineering Chemistry Analytical Edition single numbers 50c. m American Chemical Society, Charles L Parsons, sec, 1155 16th St, N.W., Washington, D.C. (1v Ja v14;i-s)
- Ind Marketing**—Industrial Marketing. \$2; single numbers 20c m (s-m during O) Advertising Publications, Inc, 100 East Ohio St, Chicago (1v:Ja v27;i-none)
- Ind Med**—Industrial Medicine \$5; single numbers 50c m Industrial Medicine Pub Co, 605 North Michigan Av, Chicago (1v Ja v11,i-s)
- Ind Stand**—Industrial Standardization and Commercial Standards Monthly. \$4; single numbers 35c. m American Standards Association, 29 W 39th St, New York (1v Ja v13;i-l)
No August 1942 number published
- Index**—Index. q New York Trust Company, 100 Broadway, New York (1v:[Mr] v22;i-l)
- India Rubber W**—India Rubber World \$3; single numbers 35c m Bill Brothers Publishing Corporation, 386 4th Av, New York (2v Ap, O v106-107;i-s)
- Inland Ptr**—Inland Printer. \$4; single numbers 40c. m Tradepress Pub. Corp, 522 5th Av, New York (2v:Ap,O v109-110;i-none)
- Ins Field (Fire ed)**—Insurance Field (Fire and Casualty Edition). \$5; single numbers 15c. w Insurance Field Co, Inc, 322 West Liberty St, (P. O. Box 1164) Louisville, Ky. (1v:Ja v71;i-none)
- Ins Field (Life ed)**—Insurance Field (Life Edition). \$3; single numbers 15c. w Insurance Field Co, Inc, 322 West Liberty St, (P. O. Box 1164) Louisville, Ky. (1v:Ja v71;i-none)
- Inst Chem Eng Trans**—Transactions of the Institution of Chemical Engineers. annual Institution of Chemical Engineers, 56 Victoria St, Westminster, London, S W 1 (1v:v18 1940)
Indexing began with volume 9, 1931
- Inst E E J**—Journal of the Institution of Electrical Engineers single numbers pt1 5s; pt2 7s 6d; pt3 6s m E & F N Spon, Ltd, 57 Haymarket, London, S.W. 1, Chemical Pub. Co of New York, 236 King St, Brooklyn, New York (1v Ja v89,i-none)
Beginning with volume 88 published in three parts pt 1, General, m (Ja), pt 2, Power Engineering, bi-m (F); pt 3, Communication Engineering, q (Mr)
- Inst Mech Eng J & Proc**—Institution of Mechanical Engineers Journal and Proceedings. Published 10 times a year Institution of Mechanical Engineers, Storey's Gate, St James's Park, London, S W 1 (2v Ap,N v147-148;i-s)
- Inst Pet J**—Journal of the Institute of Petroleum single numbers 7s 6d m Institute of Petroleum, % Imperial College of Science and Technology, South Kensington, London, S W 7 (1v Ja v28,i-s)
Formerly Journal of the Institution of Petroleum Technologists
- Inst Radio Eng Proc**—Proceedings of the Institute of Radio Engineers \$10, single numbers \$1. m Institute of Radio Engineers, Inc, 330 W 42d St, New York (1v Ja v30;i-s)
- Instruments**—Instruments, the Magazine of Measurement and Control \$2 m Instruments Pub Co, 1117 Wolfendale St, Pittsburgh, Pa. (1v Ja v15,i-s)
- Int Labour R**—International Labour Review. \$6, single numbers 60c m International Labour Office, 734 Jackson Pl, Washington, D.C. (2v Ja,JI v45-46,i-s)
- Inv Banking**—Investment Banking, irr Investment Bankers Association of America, 33 S Clark St, Chicago (1v v12,i-none)
- Iron Age**—Iron Age \$8, single numbers 35c w Chilton Co, Inc, Chestnut & 56th Sts, Philadelphia; 100 E 42d St, New York (2v:Ja,JI v149-150,i-r)
- Iron & Steel Inst J**—Journal of the Iron and Steel Institute s-annual Iron and Steel Institute, 4, Grosvenor Gardens, London, S W. 1 (2v v143-144,1941,nos1-2)
- J Account**—Journal of Accountancy. \$4, single numbers 35c. m American Institute Pub Co, Inc, 13 E 41st St, New York (2v Ja,JI v73-74;i-s)
- J Aeronautical Sci**—Journal of the Aeronautical Sciences \$7, single numbers 70c. m Institute of the Aeronautical Sciences, Inc, 30 Rockefeller Plaza, New York (1v N v9,i-s)
V9 N '41-D '42, v10 Ja '43
- J Aeronautical Sci Aeronautical R Sec**—Journal of the Aeronautical Sciences Aeronautical Review Section \$2.50; single numbers 25c m Institute of the Aeronautical Sciences, Inc, 30 Rockefeller Plaza, Rockefeller Center, New York
Name changed to Aeronautical Engineering Review, April 1942
- J Ap Phys**—Journal of Applied Physics \$7; single numbers 70c m American Institute of Physics, 175 Fifth Av, New York (1v:Ja v13;i-s)
- J Business**—Journal of Business of the University of Chicago. \$4; single numbers \$1.25. q University of Chicago Press, 5750 Ellis Av, Chicago (1v:Ja v15;i-s)
- J Chem Educ**—Journal of Chemical Education. \$3; single numbers 50c. m Journal of Chemical Education, 20th and Northampton Sts, Easton, Pa (1v Ja v19;i-s)

- J Chem Phys**—Journal of Chemical Physics. \$10. m American Institute of Physics, 175 Fifth Av, New York (1v Ja v10;1-s)
- J Eng Educ**—Journal of Engineering Education. \$3; single numbers 50c. m except (Jl and Ag) Society for the Promotion of Engineering Education, F L Bishop, Ed, University of Pittsburgh, Pittsburgh, Pa (1v S v33;1-s)
- J Fr Inst**—See Franklin Inst J
- J Ind & Eng Chem**—See Ind & Eng Chem
- J Ind Hygiene**—The Journal of Industrial Hygiene and Toxicology. \$6, single numbers 75c. m (except Jl and Ag) Williams & Wilkins Co, Mt Royal & Guilford Aves, Baltimore, Md (1v Ja v24;1-s)
- J Land & Pub Util Econ**—Journal of Land and Public Utility Economics \$5; single numbers \$1.50 q University of Wisconsin, Madison, Wis (1v F v18;1-s)
- J Phys Chem**—The Journal of Physical Chemistry \$10, single numbers \$1.50. m (except Jl, Ag, S) Williams & Wilkins Co, Mt Royal & Guilford Aves, Baltimore, Md (1v Ja v46;1-s)
- J Research Nat Bur Stand**—Journal of Research of the National Bureau of Standards \$3.50, single numbers 30c m Superintendent of Documents, Washington, D C (2v Ja, Jl v28-29;1-1)
- J Retailing**—Journal of Retailing \$1, single numbers 25c q New York University School of Retailing, 100 Washington Square, New York (1v F v18;1-r)
Index published every two years
- Light & Lighting**—Light and Lighting 10s 6d; single numbers 9d m Light and Lighting, 82 Victoria St, London, S W 1 (1v Ja v35;1-1)
- Locomotive**—Locomotive 50c, single numbers gratis, recent bound volumes \$1 q Hartford Steam Boiler Inspection & Insurance Co, 56 Prospect St, Hartford, Conn (1v Ja v44;1-r)
- Mach**—Machinery \$4, single numbers 40c m Industrial Press, 148 Lafayette St, New York (1v S v49;1-r)
- Machine Design**—Machine Design. \$6, single numbers 50c m Penton Pub Co, Penton Bldg, Cleveland, O (1v Ja v14;1-r)
- Mag of Wall St**—Magazine of Wall Street and Business Analyst \$10; single numbers 50c bi-w Ticker Pub Co, Inc, 90 Broad St, New York (2v Ap, O v70-71;1-s)
Extra number, Manual of Magazine of Wall Street published in April
- Management R**—Management Review \$5, single numbers 50c m American Management Association, 330 W 42d St, New York (1v Ja v31;1-1)
Formerly American Management Review
- Manuf Rec**—Manufacturers Record \$2; single numbers 25c m Manufacturers Record Publishing Co, Candler Building, Baltimore, Md (1v Ja v111;1-none)
- Marine Eng**—Marine Engineering and Shipping Review \$3, single numbers 35c m Simmons-Boardman Pub Corp, 30 Church St, New York (1v Ja v47;1-r)
- Mass Transportation**—Mass Transportation \$1.50, single numbers 25c m Kenfield-Davis Pub Co, 431 S Dearborn St, Chicago (1v Ja v38;1-s)
- Mech Eng**—Mechanical Engineering \$6, single numbers 75c m American Society of Mechanical Engineers, 29 W 39th St, New York (1v Ja v64;1-r)
- Mech Handling**—Mechanical Handling and Conveying 12s, single numbers 1s m Louis Cassler Co, Ltd 22, Henrietta St, Covent Garden, London, W C 2 (1v Ja v29;1-1)
- Metal Finishing**—Metal Finishing. \$2; single numbers 25c m Metal Industry Pub Co Inc, 11 W 42d St, New York (1v Ja v40;1-s)
Formerly Metal Industry
- Metal Prog**—Metal Progress. \$5; single numbers \$1 m American Society for Metals, 7301 Euclid Av, Cleveland, O (2v Ja, Jl v41-42;1-s)
- Metallurgist**. See Engineer
- Metals & Alloys**—Metals and Alloys. \$2; single numbers 25c. m Reinhold Pub Corp, 330 W 42d St, New York (2v Ja, Jl v16-16;1-1)
- Min & Met**—Mining and Metallurgy. \$3; single numbers 50c m American Institute of Mining and Metallurgical Engineers, Inc, 29 W 39th St, New York (1v Ja v23;1-1)
- Min Cong J**—Mining Congress Journal \$2; single numbers 20c m American Mining Congress, 309 Munsey Bldg, Washington, D.C. (1v Ja v28;1-r)
- Mo U Sch Mines & Met Bul tech ser**—Bulletin of the University of Missouri, School of Mines and Metallurgy. Technical Series. irr Univ of Mo, Rolla
- Mod Packaging**—Modern Packaging \$5; single numbers 50c m Breskin Pub Corp, 122 E 42d St, New York (1v S v16;1-1)
Indexing began September 1940, v 14 no 1
- Mod Plastics**—Modern Plastics \$5; single numbers 50c m Breskin Pub Corp, 122 E 42d St, New York (1v S v20;1-1)
Formerly Plastic Products
- Monthly Labor R**—Monthly Labor Review. \$3.50, single numbers 30c m Superintendent of Documents, Washington, D C (2v Ja, Jl v54-55;1-1)
Free to labor departments and bureaus and other offices connected with the administration of labor laws
- N A C A Bul**—N A C A Bulletin s-m National Association of Cost Accountants, 385 Madison Av, New York (1v S v24;1-r)
Distributed regularly only to members of the Association
- N E Water Works Assn J**—Journal of the New England Water Works Association \$4, single numbers \$1.25 q New England Water Works Association, 613 Statler Bldg, Boston (1v Mr v56;1-s)
- Nat City Bank**—National City Bank of New York m 55 Wall St, New York (without v no, 1-none)
- Nat Pet N**—National Petroleum News \$5; single numbers 20c w National Petroleum Pub Co, 1213 W 3d St, Cleveland, O (1v Ja v34;1-none)
Monthly technical section beginning July 29, 1942, published separately as pt 2 of the regular issue with subtitle Refinery Management and Petroleum Chemical Technology Included in subscription to Nat Pet N
- Nat Research Council Bul**—National Research Council Bulletin irr National Research Council, Publication office, Washington, D C
Individual numbers variously priced Price-list sent on request
- Nat Safety N**—National Safety News \$4; single numbers 40c m National Safety Council, Inc, 20 N Wacker Drive, Chicago (2v Ja, Jl v45-46;1-r)
- Nat Underw**—National Underwriter \$4; single numbers 20c w National Underwriter Co, 175 W Jackson Blvd, Chicago (1v Ja v46;1-none)
- Nat Underw (Life ed)**—National Underwriter Life Insurance Edition \$3.50, single numbers 20c w National Underwriter Co, 175 W Jackson Blvd, Chicago (1v Ja v46;1-none)
- New England Water Works Assn**. See N E Water Works Assn J
- N Y Pub Lib Bul**—New York Public Library Bulletin \$1; single numbers 10c m New York Public Library, 5th Av & 42d St, New York (1v Ja v46;1-s)
Bibliographies of interest to special libraries are indexed
- News Ed**—News Edition (American Chemical Society) \$2; single numbers 15c s-m American Chemical Society, Mills Bldg, 1709 G St, N W, Washington, D C (1v Ja v19;1-s)
Name changed to Chemical and Engineering News, January 10, 1942
- Oil & Gas J**—Oil and Gas Journal. \$6; single numbers 20c w Petroleum Pub Co, 211 South Cheyenne Av, Tulsa, Oklahoma (1v My v41;1-s)

- Oil Paint & Drug Rep**—Oil, Paint and Drug Reporter, \$6; single numbers 15c. w Schnell Pub Co, Inc, 59 John St, New York (2v.Ja,Jl v141-142;i-r)
- Opt Soc Am J**—Journal of the Optical Society of America \$7, single numbers 70c m American Institute of Physics, Inc, 175 Fifth Av, New York (1v:Ja v32,i-s)
- Paint Oil & Chem R**—Paint, Oil and Chemical Review, \$2, single numbers 15c bi-w Trade Review Co, 537 S Dearborn St, Chicago (1v:Ja v104,i-none)
- Paper Ind**—Paper Industry and Paper World \$2, m Fritz Publications, Inc, 59 E Van Buren St, Chicago (1v:Ap v24,i-l)
- Paper Tr J**—Paper Trade Journal, \$4; single numbers 10c w Lockwood Trade Journal Co, Inc, 15 W 47th St, New York (2v Ja,Jl v114-115;i-s)
- Personnel J**—Personnel Journal \$5; single numbers 75c m (except Jl and Ag) Personnel Research Federation, 60 E 42d St, New York (1v:My v21;i-s)
- Pet Eng**—Petroleum Engineer \$2, single numbers 25c m (Ag-Je) s-m (Jl) Petroleum Engineer Pub Co, Allen Bldg, Dallas, Texas (1v O v14,i-l)
Indexing began October 1940, v 12 no 1
Extra number [Annual no] Published in July
- Photo Tech**—Photo Technique \$5, single numbers 50c m McGraw-Hill, Pub Co, Inc, 330 W 42d St, New York (1v Ja v3,i-s)
Combined with American Photography, January, 1942
- Phys R**—The Physical Review, Second Series \$15, single numbers \$1 50 m American Institute of Physics, Inc, 175 Fifth Av, New York (2v Ja,Jl v61-62 i-s)
Published monthly instead of semi-monthly, temporarily, beginning January, 1942
- Power**—Power \$3; single numbers 35c. m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v86,i-r)
Extra number published in Mid-December
- Power Pl Eng**—Power Plant Engineering \$2, single numbers 25c m Technical Pub Co, 53 West Jackson Blvd, Chicago (1v Ja v46,i-s)
- Product Eng**—Product Engineering, \$5, single numbers 50c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v13,i-s)
- Ptr Ink**—Printers' Ink \$4, single numbers 20c w Printers' Ink Pub Co, Inc, 205 E 42d St, New York (4v Ja,Ap,Jl,O v198-201,i-none)
- Ptr Ink Mo**—Printers' Ink Monthly \$2; single numbers 25c. m Printers' Ink Pub Co, Inc, 185 Madison Av, New York (2v Ja,Jl v42-43, i-none)
Combined with Printers' Ink, January 2, 1942
- Pub Health Rep**—Public Health Reports \$2 50, single numbers 5c w Superintendent of Documents, Washington, D C (1v Ja v57,i-l)
Distributed gratuitously to state and municipal health officers, etc, by the Surgeon general of the United States public health service, Washington, D C
- Pub Roads**—Public Roads \$1; single numbers 10c m Superintendent of Documents, Washington, D C, (1v:Mr v23,i-r)
Changed to a quarterly, beginning July, 1942
- Pub Util**—Public Utilities Fortnightly, \$15; single numbers 75c. bi-w Public Utilities Reports, Inc, Munsey Bldg, Washington, D.C. (2v:Ja,Jl v29-30;i-s)
- Pub Works**—Public Works, \$3; single numbers 35c. m Public Works Journal Corp, 310 E 45th St, New York (1v:Ja v73;i-r)
- Pulp & Pa of Can**—Pulp and Paper Magazine of Canada \$5; single numbers 50c. m National Business Publications, Ltd, Gardenvale, Que. (1v:Ja v43,i-s)
Extra convention number published in February
- RCA R**—RCA Review, \$2, single numbers 75c q RCA Institutes Technical Press, 75 Varick St, New York (1v Jl v7,i-s)
Indexing began July 1940, v 5 no 1
Suspended publication, April 1942, for duration of the war
- R Econ Stat**—Review of Economic Statistics, \$5 q Harvard University Press, Cambridge, Mass (1v F v21,i-s)
- R Sci Instr**—Review of Scientific Instruments, \$5, single numbers 50c m American Institute of Physics, 175 Fifth Av, New York (1v Ja v13,i-s)
\$3 to members of Scientific Societies
- Radio N**—Radio News \$3, single numbers 25c m Ziff-Davis Pub Co, 540 N Michigan Av, Chicago (2v Ja,Jl v27-28,i-none)
- Rayon**—Rayon Textile Monthly \$5, single numbers 60c m Rayon Pub Corp, 303 Fifth Av, New York (1v Ja v23,i-s)
Formerly Rayon and Melland Textile Monthly
- Ref Shelf**—The Reference Shelf Irr The H W. Wilson Co, 958 University Av, New York
- Refrig Eng**—Refrigerating Engineering, \$3, single numbers 35c. m American Society of Refrigerating Engineers, 50 W 40th St, New York (2v Ja,Jl v43-44,i-s)
- Review of Economic Statistics** See R Econ Stat
- Roads & Bridges**—Roads and Bridges \$2, \$2 50 in U S, single numbers 25c, 30c in U S m Monetary Times Printing Co of Canada, Ltd, 341 Church St, Toronto, Ont 2 (1v Ja v80,i-none)
Formerly Canadian Engineer Roads and Bridges
June 1942 [no 6] number not published
- Roads & Sts**—Roads and Streets \$3 m Gillette Pub Co, 330 So Wells St, Chicago (1v Ja v85,i-r)
- Rock Prod**—Rock Products \$2, single numbers 25c m Trade Press Pub Corp, 309 W Jackson Blvd, Chicago (1v Ja v45,i-none)
- Roy Aeronautical Soc J**—Journal of the Royal Aeronautical Society £3 3s, single numbers 5s 3d m Royal Aeronautical Society, 4 Hamilton Place, Piccadilly, London, W 1 (1v Ja v46,i-s)
- Ra Mod Phys**—Reviews of Modern Physics \$4, single numbers \$1 20 q American Institute of Physics, Inc, 175 Fifth Av, New York (1v Ja v14,i-none)
Price of April-July issue, double issue, \$2 40
- Rubber Age**—Rubber Age \$3, single numbers 35c m Palmerton Pub Co, Inc, 250 W 57th St, New York (2v:Ap,O v51-52;i-s)
- Ry Age**—Railway Age \$6, single numbers 25c w Simmons-Boardman Pub Corp, 30 Church St, New York (2v Ja,Jl v112-113,i-r)
Price of May 23d issue \$1
- Ry Mech Eng**—Railway Mechanical Engineer \$3; single numbers 35c m Simmons-Boardman Pub Corp, 30 Church St, New York (1v Ja v116,i-r)
- S A E J**—S A E Journal \$10, single numbers \$1 m Society of Automotive Engineers, Inc, 29 W 39th St, New York (1v Ja v50,i-l)
- Safety Eng**—Safety Engineering \$3, single numbers 25c m Safety Engineering, 75 Fulton St, New York (2v:Ja,Jl v83-84,i-s)
- Sales Management**—Sales Management, \$4; single numbers 20c s-m Sales Management, Inc, 386 4th Av, New York (2v:Ja,Jl v50-51; i-none)
Published semi-monthly except in April and October when it is published three times a month

- Sci Am—Scientific American.** \$4; single numbers 35c. m Munn & Co, Inc, 24 W 40th St, New York (2v Ja, Jl v166-167; i-s)
- Science—Science** \$6; single numbers 15c w Science Press, Lancaster, Pa (2v Ja, Jl v95-96; i-s)
- Sheet Metal Worker—Sheet Metal Worker.** \$2; single numbers 25c m Edwin A Scott Pub Co, 45 W 45th St, New York (1v Ja v33; i-s)
- Soap & San Chem—Soap and Sanitary Chemicals** \$3 m MacNair-Dorland Co, Inc, 254 W 31st St, New York (1v Ja v18)
Annual index appears in Soap Blue Book which is sent to all subscribers
- Soc Chem Ind J—Journal of the Society of Chemical Industry** £1 15s; single numbers 3s m Society of Chemical Industry, Clifton House, Euston Road, London, NW 1 (1v Ja v61; i-r)
Formerly two separately paged sections: Transactions and British Chemical Abstracts
British Chemical and Physiological Abstracts published separate beginning January 1941
Subscription to Journal, Chemistry & Industry, and Abstracts £5
- Soc Dyers & Col J—Journal of the Society of Dyers and Colourists** 60s single numbers 5s m Society of Dyers and Colourists, Ocean Chambers, 32-34 Piccadilly, Bradford, Yorkshire, England (1v Ja v58; i-l)
- Soc for Advan of Management J** See Advanced Management
- Soc Motion Picture Eng J—Journal of Society of Motion Picture Engineers** \$8, single numbers \$1 m Society of Motion Picture Engineers, Hotel Pennsylvania, New York (2v Ja, Jl v38-39; i-s)
- Special Lib—Special Libraries** \$5, single numbers 50c m (S-Ap) bi-m (My-Ag) Special Libraries Association, 31 E 10th St, New York (1v Ja v33; i-l)
- Spectator (Life ed)—Spectator, Life Insurance in Action** \$5, single numbers 50c m (s-m during D) Chilton Co, Inc, Chestnut & 56th Sts, Philadelphia (2v Ja, Jl v148-149; i-s)
Changed from bi-weekly to monthly, beginning July, 1942
- Spectator (Property ed)—Spectator, Property Insurance Review** \$2, single numbers 25c bi-w Chilton Co, Inc, Chestnut & 56th Sts Philadelphia (1v Jl v8; i-s)
- Stahl & Eisen—Stahl und Eisen** RM 40, single numbers RM 150 w Verlag Stahl Eisen, m b H, Düsseldorf, Germany
No numbers received after June 5, 1941
- Steel—Steel** \$6, single numbers 25c w Penton Pub Co, Penton Bldg, Cleveland, O (2v Ja, Jl v110-111; i-r)
- Survey of Cur Business—Survey of Current Business** U S Bureau of Foreign and Domestic Commerce, Division of Business Review \$2, single numbers 15c m Superintendent of Documents, Washington, D.C. (1v: Ja v22; i-none)
Advance leaflets [5c] are distributed every week to subscribers in the United States. The leaflets are usually mailed on Thursdays and give such information as has been received during the preceding week
- Tech R—Technology Review** \$3 50; single numbers 50c m except (Ag, S, O) Massachusetts Institute of Technology, room 3-219, Cambridge, Mass (1v-N v45; i-r)
Indexing began November 1940, v 43 no 1
- Textile Col—Textile Colorist.** \$5. m Textile Colorist, Inc, 233 Broadway, New York (1v Ja v64; i-s)
- Textile Inst J—Journal of the Textile Institute** 48s; single numbers 4s m Textile Institute, 16 St Mary's Parsonage, Manchester 3, England (1v Ja v33; i-l)
- Textile World—Textile World** \$1.50; single numbers 25c m McGraw-Hill Pub Co, Inc, Bragdon, Lord & Nagle Division, 330 W 42d St, New York (1v Ja v92)
Annual index appears in Textile World yearbook and catalog
- Transit J—Transit Journal** \$3; single numbers 35c m McGraw-Hill Pub Co, Inc, 330 W 42d St, New York (1v Ja v86; i-s)
Formerly Electric Railway Journal
Discontinued publication, December, 1942
- Trust Companies.** See Trusts & Estates
- Trusts & Estates—Trusts and Estates, The Journal of Capital Management** \$5, single numbers 60c m Fiduciary Publishers, Inc, 50 E 42d St, New York (2v Ja, Jl v74-75; i-s)
Formerly Trust Companies
- U S Agric—Publications** U S Dept of Agriculture, Division of Publications, Washington, D C
Selected contributions from the Bureau of Chemistry, Forest Service and Public Roads Bureau and other publications on technical subjects are indexed
- U S Bur For & Dom Com Domestic Commerce**
* Ser—U S Bureau of Foreign and Domestic Commerce, Washington, D C
- U S Bur For & Dom Com Trade Information**
* Bul—U S Bureau of Foreign and Domestic Commerce, Washington, D C
- U S Bur For & Dom Com Trade Promotion**
* Ser—U S Bureau of Foreign and Domestic Commerce, Washington, D C
- U S Bur Labor Statistics Bul—United States Bureau of Labor Statistics Bulletin** Distributed free of charge U S Bureau of Labor Statistics, Washington, D C
- U S Bur Mines Bul—United States Bureau of Mines Bulletin** U S Bureau of Mines, Washington, D C
- U S Bur Mines Information Circ—United States Bureau of Mines Information Circular** U.S. Bureau of Mines, Washington, D C
- U S Bur Mines Rep of Invest—United States Bureau of Mines Reports of Investigations.** U S Bureau of Mines, Washington, D C
- U S Bur Mines Tech Pa—United States Bureau of Mines Technical Paper.** U S Bureau of Mines, Washington, D C
- U S Geol S Bul—United States Geological Survey Bulletin** U S Geological Survey, Washington, D C
- U S Geol S Professional Pa—United States Geological Survey Professional Paper** U.S. Geological Survey, Washington, D C
- U S Nat Advisory Com for Aeronautics—United States National Advisory Committee for Aeronautics, Washington, D.C. Annual reports**
1911 report not available for indexing Will be indexed later
- U S Nat Bur Stand—United States National Bureau of Standards Circular** U.S. National Bureau of Standards, Washington, D C
- U S Women's Bur Bul—United States Women's Bureau Bulletin** U S Women's Bureau, Washington, D C
- V D I—Zeitschrift des Vereines Deutscher Ingenieure** RM 36; single numbers RM 1 75 w VDI-Verlag G m b H, Dorotheenstr 40, Berlin NW 7, Germany (1v Ja v85; i-none)
Indexed thru May 31, 1941
- W Soc E J—Journal of the Western Society of Engineers** \$3; single numbers 75c bi-m Western Society of Engineers, 205 W Wacker Drive, Chicago (1v:F v47; i-s)
- Water & Sewage—Water and Sewage** \$2; \$2.50 in U S; single numbers 25c; 30c in U S m Monetary Times Printing Co of Canada, Ltd, 341 Church St, Toronto, Ont, 2 (1v Ja v80; i-none)
Formerly Canadian Engineer Water and Sewage
- Water Works & Sewerage—Water Works & Sewerage** \$2; single numbers 25c. m Gillette Pub Co, 330 So Wells St, Chicago (1v Ja v89; i-s)

Weekly Underw—Weekly Underwriter. \$5; single numbers 35c. w Underwriter Printing and Publishing Co, 116 John St, New York (2v:Ja,Jl v146-147;i-1)

Welding J—Welding Journal. \$5; single numbers 75c. October and December numbers \$1 ea. m American Welding Society, 33 W 39th St, New York (1v:Ja v21;i-s)

Western Soc of Eng J. See W Soc E J

Wireless Eng—Wireless Engineer. 32s; single numbers 2s 6d m Iliffe & Sons, Ltd, Dorset House, Stamford St, London, S E. 1 (1v:Ja v19,i-1;cost 2s 6d)

Formerly Experimental Wireless and The Wireless Engineer

Zeit Ver Deutsch Ing—See V D I

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† United States Bureau of Mines Publications for sale by Superintendent of Documents, Government Printing Office, Washington, D.C. Reports of Investigations and Information Circulars distributed by Bureau.

‡ The official (free) distribution of publications of the Bureau is limited to government offices, public libraries, educational institutions, scientific societies, and cooperating experts. Others may purchase them from the Superintendent of Documents, Government Printing Office, Washington, D.C.

Key to General Abbreviations

+	continued on later pages of the issue	Je	June
abr	abridged	Jl	July
Ag	August	Mr	March
Ap	April	My	May
arch	architect	n s	new series
bibliog	bibliography	N	November
comp	compiled or compiler	no	number
cond	condensed	O	October
cont	continued	p	page
D	December	pl	plate
diag	diagram	por	portrait
ed	edited or edition or editor	pseud	pseudonym
F	February	pt	part
i	index	rev	revised
il	illustrations	S	September
inc	incorporated	sup	supplement
Ja	January	tr	translated or trans- lation or translator
		v	volume

Sample entry. **Budgeting to cut unit costs; Talon, Incorporated P. K. Poulton and P. H. Goldsmith Factory Management 97:48-52+ O '39**

Explanation: **An article with the title given above will be found in Factory Management, volume 97, pages 48 to 52 (continued on later pages of the same issue) the October 1939 number**

Abbreviations of Publishers' Names Used in Book Titles

- A.I.M.E.** American Institute of Mining and Metallurgical Engineers, 29 W 39th St, N.Y.
Am Acad of Pol and Soc Sci American Academy of Political and Social Science, 3457 Walnut St, Philadelphia
Am Book Co American Book Company, 88 Lexington Av, N.Y.
Appleton-Century, D Appleton-Century Co, Inc, 35 W 32d St, N.Y.
Baird H. C Baird & Co, 17 W 45th St, N.Y.
Blakiston The Blakiston Company, 1012 Walnut St, Philadelphia
Blue Ribbon Books, Inc. Garden City, N.Y.
Bobbs Bobbs-Merrill Co, 724 N Meridian St, Indianapolis, 468 4th Av, N.Y.
Bruce Pub Bruce Publishing Company, 524-544 N Milwaukee St, Milwaukee, Wis, 330 W 42d St, N.Y.
Callaghan Callaghan & Co, 401 E Ohio St, Chicago
Carnegie Endowment Carnegie Endowment for International Peace, 700 Jackson Pl, NW, Washington, D.C.
Carswell Co, Ltd. 145-149 Adelaide St, W, Toronto, 2
Century Co See Appleton-Century
Chemical Catalog Co See Reinhold Pub Corp
Chemical Pub Co 234 King St, Brooklyn, N.Y.
Columbia Univ Press 2960 Broadway, N.Y.
American Agents for the Publications of the League of Nations
Commerce Clearing House Commerce Clearing House, Inc. Loose Leaf Service Division of The Corporation Trust Company, 214 N Michigan Av, Chicago, 350 5th Av, N.Y.
Covici Covici Friede, Inc, 435 E 24th St, N.Y.
Crofts F S Crofts & Co, 101 5th Av, N.Y.
Crowell T Y Crowell Company, 432 4th Av, N.Y.
Davis F A Davis Company, 1914-1916 Cherry St, Philadelphia
Day John Day Co, Inc, 2 W 45th St, N.Y.
Publications handled and sold by Reynal & Hitchcock, Inc. 386 4th Av, N.Y.
Dodd Dodd, Mead & Co, 432 4th Av, N.Y.
Doubleday Doubleday, Doran & Co, Garden City, N.Y.
Drake Frederick J Drake & Co, 600 W Van Buren St, Chicago
Dutton E P Dutton & Co, 286-302 4th Av, N.Y.
Engineers Book Shop. 168 E 46th St, New York
Farrar Farrar & Rinehart, Inc, 232 Madison Av, N.Y.
Ginn Ginn & Co. (Educational text-bks) Statler bldg, Park Sq, Boston, 2301-2311 Prairie Av, Chicago, 70 5th Av, N.Y.
Gregg Gregg Publishing Company, 270 Madison Av, N.Y.; 6 N Michigan Av, Chicago
Harcourt Harcourt, Brace & Co, 383 Madison Av, N.Y.
Harper Harper & Brothers, 49 E 33d St, N.Y.
Harvard Univ. Press, Pub. Dept. 38 Quincy St, Cambridge, Mass.
Heath D C Heath & Co, 285 Columbus Av, Boston; 180 Varick St, N.Y.; 1815 Prairie Av, Chicago
Henley Norman W Henley Pub Co, 17-19 W 45th St, N.Y.
Holt Henry Holt & Co, 257 4th Av, N.Y.; 2626 Prairie Av, Chicago
Houghton Houghton, Mifflin Co, 2 Park St, Boston; 432 4th Av, N.Y., 2500 Prairie Av, Chicago; 500 Howard St, San Francisco
Int Labor Office International Labor Office, 734 Jackson Pl, NW, Washington, D.C.
Knopf. Alfred A Knopf, 501 Madison Av, N.Y.
Lippincott. J B Lippincott Co, 227-231 S 6th St, Philadelphia
Little. Little, Brown & Co, 34 Beacon St, Boston
Liveright. Liveright Pub. Corp, 386 4th Av, N.Y.
Longmans. Longmans, Green & Co, 55 5th Av, N.Y.
McGraw-Hill McGraw-Hill Bk Co, Inc, 330 W 42d St, N.Y.
Macmillan The Macmillan Co, 60 5th Av, N.Y.
Manual Arts Press, 237 N Monroe St, Peoria, Ill.
Morrow William Morrow & Co, Inc, 386 4th Av, N.Y.
Nat Bur Econ Research National Bureau of Economic Research, Inc, 1819 Broadway, N.Y.
Nat Ind Conf Bd National Industrial Conference Board, Inc, 247 Park Av, N.Y.
National Research Council 2101 Constitution Av, NW, Washington, D.C.
Nelson Thomas Nelson & Sons, 385 Madison Av, N.Y.
Norton W W Norton & Company, Inc, 70 5th Av, N.Y.
Oxford Oxford University Press, 114 5th Av, N.Y., 480-486 University Av, Toronto 2, (Clarendon Press, and Humphrey Milford Imprints), Amen House, Warwick Sq, London, EC 4
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ADMIRALTY metal. See Brass**ADOBE**

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See also

- Absorption
Carbon, Activated

ADSORPTION apparatus

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ADVERTISEMENTS

Advertising under arms, unusual advertisements, illustrations Sales Management 50 22-3 F 1 '42
 Anatomy of advertising, an analytical approach to campaign planning and advertisement making, v 2, Advertisement making M Wiseman 178p \$3 Harper '42
 Attention, a collection of the advertisements that have been most successful in arresting the attention of newspaper readers 2v 111p, 111p Bur of advertising, Am newspaper publishers assn, New York '41
 Black and white, with simple message, for new line of all-steel kitchens W W Sutt il Ptr Ink 197-18-20 N 28 '41
 Cost of getting readers for full-, half-, and bleed-pages E L Deckinger Adv & Sell 35 25-6 Mr '42
 Do they read it? bill inserts, Connecticut light & power company C J Allen il Elec W 116 1890-1 D 13 '41
 Envelopes, an advertising medium in old days E M Kelley il Inland Ptr 108 29-31 F '42

See also

Advertising
 Advertising—Dealer helps
 Advertising, Mail
 Advertising, Point-of-sale
 Advertising awards

Advertising cards
 Blotters
 Calendars
 Catalogs
 Posters
 Sales letters

Books and booklets

Book of rope tricks makes friends for Plymouth Cordage J S Bradford il Ind Marketing 27 34+ Ap '42
 Booklet of fighter planes put out by man who paints 'em Ptr Ink 200 38 JI 3 '42
 Booklet, posters help theatre operators Ptr Ink 199 60 Je 19 '42
 Bookverting, with 85 studies, and expert opinion on how to prepare successful bookverting H J Stoekel, comp 203p \$5 Saybrook house, New York '42
 Fighting booklets help in home and front warfare C J Swan il Ptr Ink 199 16-17+ Je 12 '42
 Graphic promotion birds for war il Ptr Ink Mo 43 40-1+ D '41
 How Allis-Chalmers is meeting its wartime advertising task, elaborate brochure and sound motion picture augment product campaigns G J Callos il Ind Marketing 27 26-7+ My '42
 Our job is to hold our customers, supplying helpful, needed data is Okonite's approach R S Hayes il Ind Marketing 27 15+ F '42
 Ryerson marks hundredth anniversary with wartime reserve G D Crain, jr il Ind Marketing 27 26-7+ N '42
 Sales tool works full time, advertising material, interesting and informative, in loose-leaf binder, Grevan lines, inc il Ptr Ink 200 17 Ag 14 '42

See also

Catalogs

Christmas cards

Christmas cards to help your idea file il Inland Ptr 110 65-8 O '42
 Holiday greetings and books inject the personal element il Ind Marketing 27 46+ Ja '42
 Typographer's Christmas card G Bell Photo Tech 3 15 D '41

Cook books and recipes

Advertisers cooperate in recipe compilation il Ptr Ink 201 40 O 30 '42

Household hints; recipes on how to use American canned pork, Business Week p40 JI 11 '42

Copy

See Advertising copy

Coupons

Coupons in advertising prove to be mine of information P V Barrett il Ptr Ink 200 22+ S 11 '42

Design

See also
 Advertisements—Layout

Hangers

Specimen hanger directed specifically at war business, Nickeloid co., Peru, Ill il Ind Marketing 27 44+ Ap '42

Headlines

Copy clinic H W Newton Adv & Sell 35 23 S '42
 Copy clinic, new lamps for old W J Weir Adv & Sell 35 32 My '42
 How to write a good advertisement, get attention V O Schwab il Ptr Ink 197 18-22 N 14 '41
 Shall we go barefoot or not? two conflicting advertising headlines E Peterson il Ptr Ink 201 15-16 O 9 '42

Illustrations

See Advertisements, Pictorial

Layout

How to write a good advertisement, get attention V O Schwab il Ptr Ink 197 18-22 N 14 '41
 Kodachrome slides of advertising layouts R L Pepperburg il diag Am Phot 36.33 S '42
 Medal award and honorable mention for technical excellence of visual presentation (layout, art, typography) il Adv & Sell 35 24-7 F '42
 Typographic clinic, an object lesson in how to use white space in an ad R Cleveland il Inland Ptr 109 41 JI '42
 Uncovering color faults in layouts for advertising display A L Liversedge il Inland Ptr 109 41-3 Ag '42

Position

Let's place these five best where they will pull best in a newspaper, Stratoliner contest W Laufer il Inland Ptr 109 58 My '42

Printing

See also
 Advertising, Mail—Postal cards

Rating

Pre-judging pulling power of farm-paper advertisements il Ptr Ink 198 18-19 Ja 16 '42

Readership

Effect of product interest on advertising readership M Harper, jr il Adv & Sell 35 31+ O '42
 Today's readership of advertising R O Eastman Ind Marketing 27.25-6+ Ag '42
 What the war theme is doing to advertising readership T M Shepard il Adv & Sell 35 13-15 O '42

Specimens

Advertising in the war, with 50 specimen advertisements Adv & Sell 35 58-72 N '42
 Advertising is teaching conservation il Ptr Ink 198 14-15 F 20 '42

See also
 Advertising awards

Testing

Among my guinea pigs K Goode, Adv & Sell 35 50 Ja '42
 Coupons in advertising prove to be mine of information, P V. Barrett, il Ptr Ink 200 22+ S 11 '42

ADVERTISEMENTS—Testing—Continued

- Criscross copy testing W. T. Laing. *Il* *Ptr* Ink 199:19-21 My 29 '42
- Effect of product interest on advertising readership M Harper, jr. *Il* *Adv & Sell* 35:34+ O '42
- How to find strongest selling argument for your product; Marlin razor blade advertising, split-run testing R Manville. *Il* *Ptr* Ink 198:16-18+ Mr 13; 28, 30+ Mr 27 '42
- Most effective appeal for volume usage of a product; ingenious testing methods employed by Dennison. W A Sturgis *Il* *Ptr* Ink 200:20-2+ S 4 '42
- Pre-tested copy W T Laing *Il* *Ptr* Ink 201:14-15+ O 23 '42
- Results of pre-test of long-range advertising W A Sturgis *Il* *Ptr* Ink 200:16-17 *Jl* 24 '42
- Sales-testing thrives in today's market. F R. Coutant *Adv & Sell* 35:46+ Mr '42
- So they can read it in the moonlight! documenting the advertising story W T Laing. *Il* *Ptr* Ink 201:16-17+ N 6 '42

Typography

- Five best Stratoliner ads selected by H Lauck *Inland* *Ptr* 108 50 Mr '42
- Five best Stratoliner ads selected by J Thuringer *Il* *Inland* *Ptr* 109 42 Ap '42
- Hand lettering tells a story for advertisers. C. N. Allen. *Il* *Ptr* Ink 198:16-17 F 27 '42
- Hew to the copy, widows falling as they may! D B. Fullerton *Inland* *Ptr* 109 62-3 My '42
- Let's place these five best where they will pull best in a newspaper; Stratoliner contest. W Laufer *Il* *Inland* *Ptr* 109 58 My '42
- Review and forecast J Boday *Il* *Adv & Sell* 35 159-60, 162 F '42
- Specimen review J L Frazier. Published in monthly numbers of *Inland* printer
- Typographic clinic Published in monthly numbers of *Inland* printer

ADVERTISEMENTS, Classified

- Classified ads for consumer credit H L Shattuck Bankers M 143 552 D '41
- How to pack pull into your classified advertising copy T H Thompson *Il* *Sales* Management 50 32-6 Je 1; 66, 68-9 Je 15 '42
- Yankee traders and lonely hearts H M Robinson *Adv & Sell* 35:32-3 Mr '42

Want ads

- After hours; Wanted, copy-idea man J L Wilson *Ptr* Ink 197:6 N 28 '41
- Help wanted, female *Il* *Ptr* Ink 201 13 O 23 '42
- Job-ad ban, Pittsburgh papers discourage labor pirating in classified columns *Business* Week p62-3 D 27 '41
- Wanted, men over 50' advertisement turns up score of experienced inspectors L K Urquhart *Il* *Factory* Management 100 76-7+ F '42

ADVERTISEMENTS, Pictorial

- Artwork cliches, check list of 40 out worn illustrations R. J Cooke *Ptr* Ink 201 17 O 23 '42
- Cutting corners for economy is better than cutting cuts; reader interest is lowered with curtailed use of illustrations in magazines, sales literature C N. Tunnell *Il* *Inland* *Ptr* 109 30-2 *Jl* '42
- Thank Ripley! G L. Sumner *Il* *Adv & Sell* 35:16 *Jl* '42

See also

- Advertising art Color in advertising
Advertising characters Posters
 Show cards

Cartoons

- Big-name cartoonists in advertising. *Il* *Adv & Sell* 34:14-15 D '41
- Conservation, with a smile. *Il* *Ptr* Ink 199: 40 Je 12 '42

Hands

- Human hand visualizes functions of Denison "Hydrolics". C. E Brown *Il* *Ind* Marketing 27:22-3 N '42

Package pictures

- Will 1942 events affect identity of your package? *Il* *Mod* Packaging 15:31-4 F '42

Photographs

- Frozen action photos gain attention for Pratt & Whitney in lieu of case studies E C Shultz *Il* *Ind* Marketing 27 28-9+ *Jl* '42
- How to get action photos for wartime advertising. J. A. Murphy. *Il* *Adv & Sell* 35: 30 S '42
- Salad with milk, and Billions of rods E. Qungley *Il* *Am* Phot 36 14-15 F '42
- Winged horse, a montage E Lopez *Il* *Am* Phot 36 22 Ag '42

ADVERTISERS

- Changes in advertising accounts Published in monthly numbers of Advertising and selling
- How advertisers may help the war effort, economically F G Rudge and G Salomon. *Il* *Ptr* Ink 198 16-17 Mr 6 '42

Directories

- National industrial advertisers association membership roster *Ind* Marketing 27 103-57 O '42

ADVERTISING

- Advertising, first aid to business 237p \$2 50 Consolidated reporting co, New York '41
- Advertising in 1942 will be different, defense theme, patriotic appeal, institutional advertising, stockholders C Norton *Il* *Ptr* Ink 197 23-7 D 5 '41
- Anatomy of advertising, an analytical approach to campaign planning and advertisement making M Wiseman 2v 226p, 178p ea \$3 Harper '42
- ANA AAAA analyze advertising's place in defense & peace economy C R Palmer and others *Sales* Management 49 78, 80 D 1 '41
- Great day coming, advertising new and improved products J O'Shaughnessy *Ptr* Ink 201 84 O 9 '42
- Greatest thing we must learn is to work together G E Cole *Adv & Sell* 35 15 N '42
- Heavy advertising volume sure to follow after this war, product differentiation L D H Weld *Ptr* Ink 200 26, 28 Ag 7 '42
- How advertising can meet today's critical challenges J W Young *Adv & Sell* 34 102+ D '41
- How industrial advertisers are putting printed promotion to work R Hanes *Il* *Ind* Marketing 27 36-7+ N '42
- If you looked for a miracle, Hot Springs advertising war council may prove disappointing; but its accomplishments were substantial C B Larrabee *Ptr* Ink 197. 13-15+ N 21 '41
- Impact of defense on advertising *Adv & Sell* 34 17-31 D '41
- Let's call it consumer information! W. Fanning *Ptr* Ink 199 21+ Je 12 '42
- Marketing under war conditions E H Gault, ed p 1-13 pa \$1 Univ of Michigan, School of business administration, Ann Arbor '42
- Paul West reveals advertising plans of A N A. members *Ptr* Ink 199 47 My 1 '42
- Pennywise advertising R Dickinson *Banking* 34 26-7+ Ja '42
- Press and advertising C. L. Allen *Ann* *Am* Acad 219 86-92 Ja '42
- Proceedings of the first Advertising and sales promotion conference held at the Ohio state university, April 30-May 1, 1942 120p Bur of business research, College of commerce and administration, Ohio state univ, Columbus '42
- Proof, 17 actual case histories; reprint of Eastern industrial advertisers study of companies that stopped advertising. *Ptr* Ink 199 13-15+ My 15 '42
- Real mission of advertising emphasized by war W. E. McFee. *Il* *Ptr* Ink 198:19-20+ Mr 6 '42
- Some views of Mr. Batten, E. B. Smith. *Adv & Sell* 34:54, 56+ D '41

ADVERTISING—Continued

This, or silence; future of advertising depends on our ability to establish a fundamentally different concept of its nature and use H A Batten, *Ptr Ink* 197 11-13, 61-4 N 14 '41; Abstract *Steel* 109.102-3 D 8 '41

Tomorrow, advertising man, about to enter U S army, looks through figurative crystal R Lenhart *Ptr Ink* 201 31-2 O 16 '42

What every advertising man must know after the war A W Boyer *Ptr Ink* 201 50+ O 16 '42

See also

Advertisements	House organs
Advertising agencies and other headings beginning Advertising	Legal advertising
Bank advertising	Merchandizing
Business	Moving pictures in advertising
Catalogs	Posters
Color in advertising	Premiums (merchandizing)
Containers	Radio advertising
Electric signs	Sales letters
Employment systems	Show windows
—Advertising aids	Signs
Government advertising	Slogans
	State advertising
also subdivision	Advertising under special subjects, eg
Automobile industry and trade	Insurance, Life
Beer	Insurance agents
Cigaret industry and trade	Insurance companies
Cooperative associations	Motor bus lines
Department stores	Oil companies
Electric utilities	Printing trade
Food industry and trade	Railroads
Gas industry	Retail trade
Insurance	Securities
	Shoes, Rubber
	Technical products
	Trade marks
	War savings stamps

Architects, Appeal to

Architecture meets advertising, views of practicing architects (cont) *il Arch Rec* 90 100-1 N 100-1 D '41

In creating a sample kit, Marsh wall products M Selbert *il Ptr Ink* 198 32, 35 F 27 '42

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Books for the advertising man A T Falk rev ed 35p pa \$1 Bur of research and education, Advertising federation of Am, 330 W 42d st, New York '42

Books on advertising and publishing G U Cleeton, comp 36p Carnegie inst of technology, Pittsburgh '41

Censorship

See Advertising—Laws and regulations

Chain stores, Appeal to

How to promote the sale of your wares through the dime stores F W Nye *il Sales Management* 51 22-4 S 15 '42

Check lists**See also**

Radio advertising—
Check lists

Continuity

Ads during war keep friends after G A Kelly *Comm & Fin Chr* 155 1027 Mr 12 '42

After hours; advertise or be forgotten T H Thompson *Ptr Ink* 200-64 Jl 3 '42

Brand strength is strong element in American way of life A H Deute *Ptr Ink* 197 13-16 D 26 '41

Brands out of the limelight, C Rheinstrom. *Adv & Sell* 35 52 My '42

Campaign ready for post-war release, Barrington Hall coffee *il Ptr Ink* 201 26+ O 30 '42

Continental can co. to sustain its advertising in national consumer magazines C C Conway. *Sales Management* 49-78 D 1 '41

Food advertiser's job now same as in peace; continuous advertising of California Calavos. *il Ptr Ink* 200-32, 37 Ag 28 '42

Gifford-Wood advertising has been continuous for 128 years I W Tyson. *il Ind Marketing* 27:22-4 Mr '42

Manufacturer group urges continued advertising *Ptr Ink* 199 52 Je 26 '42

Merchandising show must go on F H Meeks *il Mod Packaging* 16 73-5+ O '42

Priorities, yes, but this aluminum advertiser still keeps energetically at it R L Pritchard *il Ptr Ink* 200 18-19+ Jl 31 '42

Proof; 17 actual case histories; reprint of Eastern industrial advertisers study of companies that stopped advertising *Ptr Ink* 199 13-15+ My 15 '42

Real problems facing advertising *Adv & Sell* 34 22-7 D '41

Retail customers shun cheaper, unknown brands during wartime M F Allison *Sales Management* 51 34+ N 1 '42

Study in continuity and cumulative effect; case history charts of eight national advertisers R M Oliver. *Ptr Ink* 198:26, 31-2 Mr 6 '42

Ten men in Washington; or, the fallacies of 1942 B Williams *il Ptr Ink* 200 19-20 S 18 '42

When priorities pinch, advertising can be continued profitably, Mirro aluminum experience R L Pritchard *il Ptr Ink* 197-13-16 D 12 '41

See also

Advertising and war
Advertising appropriations

Contractors, Appeal to

What engineers and contractors want in advertising copy, eight basic points, C S Wilkinson *il Ind Marketing* 27:23-5+ Je '42

Copy

See Advertising copy

Cost

Cost of getting readers for full-, half-, and bleed-pages E L Deckinger *Adv & Sell* 35.25-6 Mr '42

See also

Advertising—Rates

Coverage

Controlled techniques for magazine audience measurement D B Lucas *il Adv & Sell* 35 16-17, 114+ N '42

See also

Radio advertising—
Coverage

Dealer cooperation

Advertising programs for products with selected distribution J D Scott 112p pa \$1.50 Harvard univ, Graduate school of business administration, Soldiers Field, Boston, Mass '42

Specific ways to tie-in national campaign at point of sale, Printers' Ink Monthly special study. *il Ptr Ink Mo* 43 18-21+ D '41

Dealer helps

Advertising programs for products with selected distribution J D Scott 112p pa \$1.50 Harvard univ, Graduate school of business administration, Soldiers Field, Boston, Mass '42

American Lady builds strong promotion around perfect fit; Vital dimension plan *il Sales Management* 50 59-61 Ja 15 '42

Continues packaged dealer promotion, only service is theme now? Roper gas ranges. *il Ptr Ink* 201 19 N 6 '42

Displays in a frozen market; Zenith radio corp. *il Mod Packaging* 16:78+ O '42

Find out what dealers don't like about your advertising policy of fire insurance advertising manager, J. W. Mason, *Ptr Ink* 199 23-4+ My 1 '42

Retailers buy this booklet; Bendix home appliances *Ptr Ink Mo* 43.24 D '41

See also

Advertising, Point-of-sale

ADVERTISING—Continued**Dealers, Appeal to**

Jobbers' salesmen remain important when manufacturer is without goods to sell—basic theme in trade press holds their goodwill, Aluminum goods mfg co R L Pritchard, *il* *Ptr Ink* 200 40-1 J1 3 '42

Making the marketing plan solve your procurement job; simplification of lines and advertising averted priority difficulty and added dealers for Master rule mfg co F Keeler *il* *Ind Marketing* 27 22-3+ My '42

13 ways to keep in touch with the trade, with few or no salesmen E Peterson *Ptr Ink* 198 22-3, 77-9 F 13 '42, Abstract Management R 31 94-6 Mr '42

War advertising to dealers is fast finding itself *il* *Ptr Ink* 199 56-9 Ap 10 '42

Wartime repair program, Eastman kodak company *il* *Ptr Ink* 198 49 Ja 30 '42

We want you to sit in on our planning board, dealer suggestion contest, Barlow and Seelig washers and ironers J S Morris *il* *Ptr Ink* 200 21+ S 18 '42

When dealers can't get the product, Electric vacuum cleaner co advertises Premier's service program E A Hamala *il* *Ptr Ink* 198 102+ Ja 2 '42

See also

Advertising, Point-of-sale

Economic aspects

Advertising actually does reduce selling cost, here's proof L D H. Weld *Ptr Ink* 199 17-18 Je 26 '42

Advertising is powerful anti-inflation influence L D H Weld *Ptr Ink* 201 20, 66 O 9 '42

Advertising must survive as thriving economic force L Henderson *Ptr Ink* 197 9-12+ N 21 '41, Excerpts Sales Management 49 80 D 1 '41, Abstract Adv & Sell 34 16+ D '41

Economic effects of advertising N H Borden 98p \$5 Richard D Irwin, inc, 322 S. Michigan av, Chicago '42, Review, by L D H Weld *Ptr Ink* 198 27-8+ Ja 2 '42; Review, by E H Gardner *Ptr Ink* 199 19-20 Ap 3 '42; Review Business Week p34-6 Ja 3 '42

Economic role of advertising Sales Management 50 64+ Ja 15 '42

How much does advertising pay? N H Borden, *Pub Util* 29 112-15 Ja 15 '42

Letting markets crumble is similar to dynamiting machinery, burning plants; is it patriotic to advertise in wartime? J M Cleary *Ptr Ink* 199 11-12+ Ap 3 '42

Long-range viewpoint in current advertising W Buchen *Ind Marketing* 27 30-3+ Ap '42

Major findings from the Harvard study, excerpts from answers to 8 questions on advertising's place in American economy Adv & Sell 35 30, 32, 34+ Ja '42

Ralph Starr Butler calls for intelligent approach in justifying advertising *Ptr Ink* 198 13-14+ Mr 13 '42, Discussion F G Rudge 199 35-6 Ap 3 '42

Role of advertising Economist 142 536 Ap 18 '42

Social and economic role of advertising in a democratic economy L D H Weld and L Wells *Ptr Ink* 197 64-8 D 5 '41

This habit of economic freedom, reprinted from Newsweek R Moley *Ptr Ink* 197 11-14 D 5 '41

Tobacco's "big three" testify on advertising H M. Wooten *il* *Ptr Ink Mo* 43 5-8, 51-2 D '41

What advertising thinks about itself; ANA-AAAA convention; selected excerpts Adv & Sell 34 13+ D '41

Why Department of commerce believes in wartime advertising J. H. Morse *Ind Marketing* 27 35-6+ Ag '42

Employees, Appeal to

Ad managers assume leadership in worker morale programs, posters, house organs, booklets *il* *Ind Marketing* 27 28-32 My '42

It pays to advertise to your own employees, Loft candy, G. Frederick *il* *Mod Packaging* 15 52-4+ Ag '42

Making war workmen proud of their jobs is victory essential *il* *Ptr Ink* 199 69-70, 72-4 Ap 10 '42

New war workers assimilated through paid advertising, Gisholt machine co *il* *Ptr Ink* 199 26 Je 19 '42

Production promotion is today's task for advertising men *il* *Ind Marketing* 27 32-4 Je '42

Stockholders, employees help Standard Brands sell Sales Management 50 39 Ja 1 '42

Engineers, Appeal to

What engineers and contractors want in advertising copy, eight basic points C S Wilkinson *il* *Ind Marketing* 27 23-5+ Je '42

Evacuees, Appeal to

Shopping by mail, special edition of Merced sun-star for Japanese evacuees Business Week p29 Ag 15 '42

Farmers, Appeal to

Does advertising in farm magazines pay? *il* Sales Management 50 25 Ja 1 '42

Farm co-ops and advertising map Adv & Sell 35 48 J1 '42

Farm market offers tailor-made opportunity F B Nichols *Ptr Ink* 197 25, 28-9 N 28 '41

Pre-judging pulling power of farm-paper advertisements *il* *Ptr Ink* 198 18-19 Ja 16 '42

Service advertising helps farmers at war, Texas company gives facts on care of farm machinery C J Swan *il* *Ptr Ink* 199 50-1 My 8 '42

See also

Advertising mediums
—Farm papers

Government attitude

Impact of war on advertising Adv & Sell 35 19-22 O, 20-1 N '42

Government cooperation

Government and industry form partnership to promote national nutrition plan J Murphy *il* *Ptr Ink* 199 17-19+ Je 5 '42

Impact of war on advertising, the U S nutrition project Adv & Sell 35 17-18 J1 '42

Industries, Appeal to

Advertises to share technical knowledge in all-out effort; MacDermid, incorporated W D MacDermid *il* *Ptr Ink* 198 21 Mr 6 '42

Advertising plan (who will sponsor it?) to cause business men to go to war spiritually J T Chirurg *il* *Ptr Ink* 199 13-15 My 29 '42

Awards for advertisements appearing in business publications *il* Adv & Sell 35 18-20 F '42

Clearly defined sales and advertising tasks guide Dow's marketing, departmental sales groups, business papers, and general media advertising R A Brewer *il* *Ind Marketing* 27 18-19+ Je '42

Cost and results of Cochrane's direct mail for sales promotion, campaigns for building prestige, prestige plus inquiries, and for inquiries alone S D Distelhorst *il* *Ind Marketing* 26 21-3+ D '41

Daring change in distribution pattern caused by war conditions, advertising and selling chewing gum to war plants F K Wrigley *il* *Ptr Ink* 200 13-16+ J1 31 '42

For these serious times, industrial advertiser chooses lighter touch, Gardner-Denver company B P Spann, *il* *Ptr Ink* 198 15+ Mr 13 '42

Getting attention in industrial copy E Peterson *il* *Ptr Ink* 200 16-17 Ag 28 '42

Good industrial advertising helps men and plants fight this war V Van Diver, Sales Management 50 57 F 1 '42

High speed war production brings strong industrial copy theme, *il* *Ptr Ink* 198 21-2+ Ja 16 '42

ADVERTISING—Industries, Appeal to—Cont.
How industrial advertising can help speed war production. *Ptr Ink* 198:15, 56 Mr 20 '42

How to improve relations with army post public relations offices; requesting material and approval for use of army data in your advertising. *F W Pederson. Ind Marketing* 27 36-4 O '42

Human hand, visualizes functions of Denison "Hydroilics". *C E. Brown. Ind Marketing* 27 22-3 N '42

Increased business paper schedules feature 1942 programs, plans are mixed for direct mail, catalogs, and other sales promotion material but service is the keynote. *Ind Marketing* 27 22-5, 100-9 Ja '42

Industrial advertising for victory, and tomorrow. *W D Murphy. Ind Marketing* 27 13-15+ Ap '42

Industrial advertising switches from competitive to service theme; Parker-Kalon screws. *E Peterson. Ind Marketing* 27 21-2 F 20 '42

Industrial advertising tomorrow. *J H Van Deventer. Ind Marketing* 26:15-16, 54+ D '41

Industrial campaign is built around conservation theme. *Houghton leather belting D C Miner. Ind Marketing* 27 28+ Je 26 '42

Industrial copy dons overalls. *M K Powers. Adv & Sell* 35 42 Ap '42

Industrial copy sets pattern in advertising's war effort. *Ind Marketing* 27 21-2+ Ap 10 '42

Industry's war on waste of time, labor and materials exemplified in Disston's campaign, cards instruct in care and use of tools. *W Gebhart. Ptr Ink* 198 19-20 F 13 '42

Keep the whistle blowing! Lyon metal products goes after defense orders. *Ind Am Business* 11 12-13+ D '41

Launching a war baby, Por-os-way grinding wheel made by dental equipment manufacturer. *R N D Arndt. Ind Marketing* 27 20-1+ Ap '42

Markets in 1942 and what to say to them. *Ind Marketing* 27 15-18+ Ja '42

Post-war markets being built with human industrial advertising. *R K LeBlond. Machine tool co. Ind Marketing* 27 22-3, 56-7 F 27 '42

Switch company advertises its customers; Penn Electric Switch. *Ptr Ink* 198 60 F 20 '42

Technique for field research to determine the copy theme, talking to users about their problems. *W W Garey. Ind Marketing* 27 21-2+ Ag '42

This direct mail is geared to industrial selling. *Ferranti electric limited G A Brace. Ind Marketing* 27 16-17+ Ja 9 '42

Trend in objectives and methods of industrial advertising. *Ind Marketing* 27 32-3+ Ja '42

What buyers of electrical equipment want in advertising copy, twenty-one men pass judgment on over 1,000 pieces of advertising. *L W Dunn. Ind Marketing* 27 18-20, 100-1 F '42

What industrial copy can teach consumer advertising. *Ind Adv & Sell* 35 24+ Je '42

See also

Advertising mediums Machinery industry—
—Trade journals Advertising
Equipment industries
—Advertising

Institutional copy

See Advertising, Institutional

Jobber cooperation

How oil jobbers use advertising, Armada oil & gas co. *Ind Nat Pet* N 33 19-20, 22 N 26 '41

Jobbers, Appeal to

Fifteen-year-old letter program; gadget letters of Fulton-Wassell paper company, Little Rock, Arkansas. *L P. Bott, Jr. Ind Am Business* 12:12-13+ Ag '42

Jobbers' salesmen remain important when manufacturer is without goods to sell; basic theme in trade press holds their good-will. *Aluminum goods mfg. co. R. L. Pritchard. Ind Marketing* 27 40-1 J1 3 '42
This packaged sales story sells jobbers on pushing full line. *Manning, Maxwell & Moore's visual presentation L H Brendel. Ind Sales Management* 50 36-9 Ja 1 '42
Why so many promotion pieces for jobbers go bee-line to the waste paper baler. *L Valenstein. Sales Management* 49 56-60 D 15 '41

Laws and regulations

Advertising as government sees it, an interpretation, "green book" applies to cost-plus contracts. *Ptr Ink* 201 13-14+ O 9 '42

Advertising expense and corporate income tax returns, clarifying explanation regarding deductibility. *Ptr Ink* 200 19+ S 4 '42; Same *Adv & Sell* 35 16a-16b S '42; Same *Ind Marketing* 27 32, 35-6 S '42

Advertising limit; Canada imposes retroactive clamp on expenditures from war profits. *Business Week* p44 Je 6 '42

Advertising regulations for liquor in monopoly states. *Ind Adv & Sell* 35 48+ N '42

Advertising ruling made by Internal revenue bureau. *Ptr Ink* 201 44-5 O 30 '42

Allowable advertising fees in war contracts. *Comm & Fin Chr* 156 1437 O 22 '42

Application of censorship and military regulations to advertisers' copy map. *Ind Marketing* 27 13-16+ Mr '42

Bromide backfire, five makers of headache remedies cited by FTC. *Business Week* p22+ O 31 '42

Censor over ads. *Business Week* p48+ Ja 24 '42

Do not exploit heroes of war. *Inland Ptr* 109 25 Ag '42

Espionage act will be applied to industrial advertising. *A P Mills. Ind Marketing* 27 13-14 Ja '42

Flag in advertising. *Ind Inland Ptr* 109:44 Ag '42

Guarantees in advertisements as viewed by Federal trade commission. *I. W. Digges. Ptr Ink* 199 41-2 Je 12 '42

Here are wartime rules having to do with advertising copy; Office of censorship, answering 24 questions. *Ptr Ink* 198:50-2 Mr 6 '42

How and where to get approval for wartime copy and photographs. *A P Mills. map. Ind Marketing* 27 13-14 F '42

Listerine test, Federal trade commission action against Lambert pharmaceutical co. *Business Week* p50, 52 Ap 18 '42

Navy in advertising. *Adv & Sell* 35 76 O '42

New check list of FTC taboos; June, 1941 to March, 1942. *Adv & Sell* 35 28, 30+ J1 '42

New guides to wartime advertising policy as set by government agencies. *Business Week* p74 O 17 '42

OK advertising for war contractors; Nelson explains difference and how to charge costs under fixed-price and cost-plus-fixed-fee contracts. *Ind Marketing* 27 48 N '42

Pharmaceutical specialties, regulations governing advertising established in Brazil. *For Comm W* 7 10-11 My 16 '42

Reasonable advertising to be allowed under war contracts. *Ind Marketing* 27 23 O '42

Use of the flag in packaging. *Mod Packaging* 16 70 O '42

War department policy on advertising; a review of regulations and procedures to guide advertisers in the preparation of copy and photographs. *R P Powell. Ind Marketing* 27 37-40+ Ag '42, Same cond. *Ptr Ink* 200 48-52 J1 10 '42, Same cond. *Adv & Sell* 35 44+ Ag '42

Market selection

Metropolitan districts and advertisers. *F R Coutant. map. Ptr Ink* 198 54-8 Ja 9 '42

Objectives

Advertising's wartime handicaps and opportunities. *J E Wiley. Ind Marketing* 27 34, 37-8+ My '42

ADVERTISING—Objectives—Continued

Advertising's wartime job. G D. Crain, jr. Ind Marketing 27:21-2, 70+ F '42
 Can advertising still sell, or just tell? J. T. Chirung. Il Adv & Sell 35:66+ S '42
 42 special uses for advertising in a wartime economy Il Ptr Ink 198 24, 28+ Ja 23 '42
 Four crisis jobs for advertising Adv & Sell 34:28-30 D '41
 How industrial advertising can help speed war production Ptr Ink 198:15, 56 Mr 20 '42
 How limited budget can be stretched to protect future markets J. Reiss Ptr Ink 197:66-8 D 19 '41
 Trend in objectives and methods of industrial advertising. Ind Marketing 27 32-3+ Ja '42
 What to advertise this year; Proctor electric company advertising objectives and program R. M. Oliver Il Ptr Ink 198 16-17+ Ja 30 '42
 What's your advertising objective? J. T. Chirung and H G Sawyer Ptr Ink 198. 96+ Ja 2 '42
 Why wartime advertising is most important of all L. D. H. Weld Ptr Ink 200:28, 30 S 25 '42

Planning

How limited budget can be stretched to protect future markets J. Reiss Ptr Ink 197 66-8 D 19 '41
 Long-range planning for wartime advertising K. Groesbeck Ptr Ink 199 15-16+ Je 5 '42
 Vice-president-in-charge-of-thinking-about-tomorrow, idea created for an advertisement developed to a nationwide movement of planning for peacetime. Il Ind Marketing 27:23+ F '42

Prize contests

Pacific Gas and Electric scores with quiz contest, new type institutional advertising campaign tells utility's story to children and parents. Il Elec West 89:46-7 Jl '42
 Quiz tells electroeconomy. Il Elec West 89:52-3 Ag '42
 We want you to sit in on our planning board, dealer suggestion contest, Barlow and Seelig washers and ironers J. S. Morris Il Ptr Ink 200 21+ S 18 '42

Psychology

Capitalize on human nature and get action from advertising. R. Manville Ptr Ink 200 48 Jl 3 '42
 Copy writers' note people are most interested in themselves R. Manville Ptr Ink 201 58 O 16 '42
 How to write a good advertisement V. O. Schwab Il Ptr Ink 197 18-22 N 14, 58-9, 62+ N 28, 33+ D 5; 38, 42-3, 46-7 D 19; 81-3, 36-8 D 26 '41

See also

Advertising copy
 Advertising research

Public attitude

CBS gives Consumers Union free time to attack advertising. Sales Management 50 47-8 Ja 15 '42
 How advertising can meet today's critical challenges. J. W. Young Adv & Sell 34. 102+ D '41
 In advertising's own back yard! Ptr Ink 197 55-6, 58+ D 12 '41
 John Citizen looks at wartime copy S. S. Bowman Adv & Sell 35 28+ O '42
 Mr Hollister protests too much I. S. Mattingly Adv & Sell 35 15+ O '42
 Pacific Coast advertising fights for American way of life and business; three-year educational program. D. Belding. Ptr Ink 198 23-4+ Ja 30 '42
 Pro-advertising; joint meeting of Association of national advertisers, American association of advertising agencies. Business Week p44 N 22 '41
 What are the real threats to advertising? A. O. Buckingham. Adv & Sell 34:108-9 D '41
 What consumers really think about advertising. D. Starch. Ptr Ink 200 26-7 Jl 24 '42

What the critics think about advertising. Adv & Sell 34:12 D '41

Purchasing

See also
 Radio advertising—
 Purchasing

Rates

Sun reckoning; new Chicago paper gives voluntary rebates to advertisers Business Week p67-8+ Jl 25 '42

Returns

Funds shrink, but tea advertising goes on; sales at record level Il Sales Management 50 40-2 Ja 1 '42

Samples

See Samples (merchandizing)

Schedules

Seasonal variations in the visibility of advertising, percentage of magazine readers seeing 2-column black-and-white advertisement, tabulation by months J. F. Kurie Adv & Sell 35 23 Jl '42
 When to advertise in Miami and Seattle: a study of Federal reserve board reports, 1936 through 1940 C. E. Haring. Adv & Sell 35 24 Jl '42

See also
 Advertising, Mail—
 Schedules

Radio advertising—
 Schedules

Schools, Appeal to

A. A. R. brings out school kit of railroad information Il Ry Age 112 274 Ja 24 '42

Soldiers, Appeal to

Ad man in camp, army as proving ground for appeals that move men in the mass E. B. Stern Adv & Sell 35 18+ Je '42

Special weeks

See Advertising campaigns—Special weeks

Statistics

Advertising is off Business Week p65-6+ Ag 22 '42
 Advertising off only 8.6% for first half of 1942 L. D. H. Weld Ptr Ink 200 24, 28+ Ag 28 '42
 Advertising up 7% Business Week p38+ Ja 24 '42
 Advertising volume for December issues of industrial, trade, and class papers, and totals for 1941 and 1940, tabulation Ind Marketing 27 110 Ja '42
 Advertising's ups Business Week p75+ Mr 14 '42
 Export information industry marches on; range of expenditures for advertising in the United States, 1880 to 1941 J. H. Morse. For Comm W 8 6-7+ S 19 '42
 Farm-paper lineage, figures for January monthlies, and lineage for December publications Ptr Ink 198 67-8 Ja 16 '42 [cont monthly]
 Farm publications, advertising lineage, three semi-annual totals, 1940-1942 Ptr Ink 200: 64 Jl 31 '42
 504 agencies placed 213,831 pages in business papers in 1941, tabulation, 1940, 1941. Ind Marketing 27:16-20 S '42
 January magazine advertising, 1940-1942 Ptr Ink 198 74, 76, 78 Ja 9 '42 [cont monthly]
 Leading advertisers of 1941 and their expenditures; 401 companies invested \$252,590,053 in magazines, farm papers and network radio. Ptr Ink 198 41+ F 6 '42
 Magazine lineage, five semi-annual totals, 1938-1942 Ptr Ink 200 58+ Jl 31 '42
 1941 advertising up 4.6%; prospects fair for 1942 L. D. H. Weld. Ptr Ink 198:24, 28, 69 F 13 '42
 1942 advertising volume shows up better than expected L. D. H. Weld. Ptr Ink 199: 22, 24+ Ap 24 '42
 \$1,920,000,000 is U. S. 1941 advertising bill. L. D. H. Weld. Ptr Ink 198:19-20 Mr 27 '42

ADVERTISING—Statistics—Continued

Railroad advertising in 1941 F. Snow. Adv & Sell 35 61 J1 '42
Those industrious VanDiver boys; compiling Brad-Vern reports on advertising in the business press. P James. 11 Adv & Sell 35 24 S '42

See also

Advertising appro- Radio advertising—
priations Statistics

Stockholders, Appeal to

Stockholders, employes help Standard Brands sell Sales Management 50.39 Ja 1 '42

Study and teaching

Advertising course, optional, satire R. E DeCastro Adv & Sell 35 30+ Je '42

Testing

See Advertisements—Testing

Women, Appeal to

British women are lured into war factory work by smartly applied advertising psychology. C Chisholm 11 Ptr Ink 198 13-14, 53-4 Ja 30 '42

Home sewing advertising is on the mend, post-war continuation of brisk sales will require promotion G Murray 11 Ptr Ink 200 23-4+ S 4 '42

Ladies disagree; are women people? C Keller Adv & Sell 35 87 S '42

Lady in coveralls wooed by sellers E Johns 11 Ptr Ink 201 21-3+ O 16 '42

Let's leave slush to the sex-pulps E Wolf Adv & Sell 35 85+ Ag '42

Marlboro cigarettes provide theme for fashion advertising 11 Ptr Ink 200 21 S 11 '42

Selling the female industrial group A L Karp Adv & Sell 35 26 Mr '42

What kind of slogan and trade-mark do women most easily remember? 11 Sales Management 49 26-8+ D 1 '41

Where's the woman's angle in this war? S Carewe Adv & Sell 35 23 Ag '42

Women now read advertising more eagerly than ever F R Coutant 11 Ptr Ink 199 13-14+ Je 26 '42

Women people? J Austin Ptr Ink 201 21-2 O 23 '42

Yearbooks

Seventh annual advertising and publishing production yearbook 468p bibliog(p319-26) \$5 Colton press, 114 E 32d st, New York '41

Australia

War advertising down under 11 Ptr Ink 199 18 My 29 '42

Wartime level of Australian advertising. N V Nixon Adv & Sell 35 42+ S '42

Canada

Advertising limit Business Week p44+ Je 6 '42

Canada clarifies position of advertisers concerning income tax liability Paper Tr J 115 14 J1 2 '42

How Canada's press is handling war finance advertising, paid campaign by government is supplemented by copy contributed by civilians Ptr Ink 201 28 O 2 '42

Ottawa eyes ads, warns of action to ban display or advertising of articles whose sale has been curbed Business Week p38+ Ap 11 '42

Great Britain

Advertising in British newspapers Adv & Sell 35 66+ Je '42

Advertising under a blitz. 11 Sales Management 50 18-19 Mr 1 '42

Britain organizes its war advertising C Chisholm 11 Ptr Ink 198 13-14, 53-4 Ja 30; 199 26, 31-2 Ap 17 '42

How England met our no 1 problem; advertising of restricted products J Gloag 11 Adv & Sell 35 176+ F '42

How English paper shortage affects advertising. P. Emanuel. Ptr Ink 198:57 Mr 20 '42

How war hit advertising in Britain Adv & Sell 35 17-20 Ja '42

Outlook for ads 11 Business Week p54+ F 14 '42

Review of British industrial advertising under wartime restrictions J L Young 11 Ind Marketing 27:30-1+ J1 '42

£2,000,000 will be spent by Britain for war advertising this year C Chisholm. Ptr Ink 198:13-14+ Mr 6 '42

War ads change, Britain has seen major shifts in trends Business Week p58+ J1 11 '42

War advertising, British style. 11 Ptr Ink 197.20-1 D 12 '41

Hawaiian Islands

Hawaii advertises as usual Ptr Ink 197 48+ D 19 '41

Hawaiian advertising made the change-over to war I A Vladimir Adv & Sell 35 191-3 F '42

Latin America

Bausch & Lomb holds Latin American market with unique campaign; struggles of South American heroes for independence featured H S Feaser 11 Ind Marketing 27: 19, 64 J1 '42

Export advertising as a weapon in psychological warfare H R Webel 11 Adv & Sell 35 16-17 O '42

Rockefeller seeks advertising cooperation with S America Ptr Ink 200:24 Ag 14 '42

South America beckons to U S advertisers; why and what and how to advertise, now, in the countries to the south H. R. Webel. 11 Ptr Ink 198 18-19+ F 6 '42

Treasury rules export advertising deductible Comm & Fin Chr 156 818 S 3 '42

Way now cleared for U S export advertising C Cloyes For Comm W 8 3-4+ Ag 22 '42

ADVERTISING, Association

Awards for advertisements appearing in any medium sponsored by one or more trade associations 11 Adv & Sell 35 21-3 F '42

Big push on scrap, general salvage and fats and oils drives Business Week p20 Je 27 '42

Cooperative cotton campaign E Peterson 11 Ptr Ink 200 35-6+ S 11 '42

Galvanizers expand markets through cooperative effort, business paper copy and technical literature 11 Ind Marketing 27. 38, 40 Mr '42

How public relations minded association staged comeback, American lighting equipment association J Markel 11 Ptr Ink 197 17-20 D 19 '41

What sound cooperative advertising has done for America's meat industry L. B Colby 11 Sales Management 50 18-21 Ja 1 '42

See also

Advertising cam- Cooperative associa-
paigns—Special tions—Advertising
weeks

ADVERTISING, Cooperative

Advertisers cooperate in recipe compilation 11 Ptr Ink 201 40 O 30 '42

Are you a mvope? seeing the long range value of cooperative advertising H H Romanoff Trusts & Estates 73 619-20 D '41

Funds shrink, but tea advertising goes on: sales at record level 11 Sales Management 50 40-2 Ja 1 '42

Liquor industry plans joint campaign to fight dry forces Sales Management 51.51 Ag 15 '42

Two-million-dollar campaign to get in scrap. Ptr Ink 199 59 Je 12 '42

See also

Advertising, Asso- Radio advertising,
ciation Cooperative
House organs, Co-
operative

Manufacturers and jobbers

Cutting cooperative advertising? then put your money in national, F. E. Fehlman. Sales Management 51:48, 50 Ag 15 '42

ADVERTISING, Mail—Continued**Testing**

Letters, 12,342; replies, 1,474 (11.9%); cost per inquiry, \$0.76; National fire group advertises to agents. J. W. Mason. *Ptr Ink* 199 22, 24+ *Je* 26 '42

ADVERTISING, National

Attention; a collection of the national advertisements that have been most successful in arresting the attention of newspaper readers. 111p. Bur. of advertising, Am. newspaper publishers assn. New York '41
Brand strength is strong element in American way of life. A. H. Deute. *Ptr Ink* 197-13-16 D 26 '41

Cutting cooperative advertising? then put your money in national. F. E. Fehlman. *Sales Management* 51 48, 50 *Ag* 15 '42

Hey, Mr Publisher, how about a better deal for national? B. E. Tacks. *Sales Management* 50 24 *Ap* 20 '42

How to measure brand loyalty; four important factors are basis of coffee preference study. H. L. Churchill. *Adv & Sell* 35 24+ *Ag* '42

Identified hamburger. *Il Ptr Ink* 197.67-8 N 21 '41

Information in advertising. K. Dameron. *Harvard Business R* 20 no 4:482-95 [*Jl*] '42

Retail customers shun cheaper, unknown brands during wartime. M. F. Allison. *Sales Management* 51 34+ N 1 '42

Specific ways to tie-in national campaign at point of sale, Printers' *Ink Monthly* special study. *Il Ptr Ink Mo* 43.18-21+ D '41

Study in continuity and cumulative effect; case history charts of eight national advertisers. R. M. Oliver. *Ptr Ink* 198-26, 31-2 *Mr* 6 '42

Time to start retailers on national brands is now, room for one more advertised trademarked line in every field. S. C. Singer. *Il Ptr Ink* 200 21, 42 *Jl* 24 '42

Women now read advertising more eagerly than ever. F. R. Coutant. *Il Ptr Ink* 199 13-14+ *Je* 26 '42

See also

Advertising appropriations Advertising campaigns

Statistics**See Advertising—Statistics****ADVERTISING, Outdoor**

Awards. *Il Adv & Sell* 35 34-41 F '42

Funds shrink, but tea advertising goes on sales at record level. *Il Sales Management* 50 40-2 *Ja* 1 '42

How to make sign advertising pay. O. J. Grisler. 166p \$1.50 David McKay co, 604 S Washington sq, Philadelphia '41

Review and forecast. R. C. Grahil. *Il map Adv & Sell* 35 117-18, 120-1 F '42

See also

Billboards
Electric signs
Posters

ADVERTISING, Point-of-sale

Advertising that can help win the war at point-of-sale outlets. *Il Ptr Ink* 199 18-19 *My* 1 '42

Merchandising show must go on. F. H. Meeks. *Il Mod Packaging* 16:73-5+ O '42

Millions of impressions can become sales. J. J. Jacobson. *Il Mod Packaging* 15 69-71 *Ja* '42

Picture the product. *Il Mod Packaging* 15 61+ *Jl* '42

Point-of-sale displays for the duration. *Il Ptr Ink* 201-20-1 N 6 '42

Specific ways to tie-in national campaign at point of sale, Printers' *Ink Monthly* special study. *Il Ptr Ink Mo* 43:18-21+ D '41

Store displays in wartime. H. Korman. *Il Mod Packaging* 15:83-5+ *My* '42

Wartime advertising at point of sale. P. Thompson. *Il Mod Packaging* 15:79-81 *Je* '42

Year's best-liked back-bar pieces. *Il Mod Packaging* 15:76-7 D '41

See also

Labels
Show cards

ADVERTISING, Radio. See Radio advertising

ADVERTISING, Soliciting of

Better business bureau for media? R. J. McAndrews. *Adv & Sell* 35 74 *Ja* '42

Hey, Mr Publisher, how about a better deal for national? B. E. Tacks. *Sales Management* 50 24 *Ap* 20 '42

Media! here's how your promotion can be improved! 110 advertisers (members of P I jury) offer suggestions and criticisms. *Ptr Ink* 200 19-20, 24 *Jl* 17 '42

What advertisers think of consumer media promotion. *Ptr Ink* 200 13-15 *Jl* 3 '42

What advertisers want in business-paper promotion. *Ptr Ink* 200 22-3 *Jl* 10 '42

Why advertisers save media promotion. *Ptr Ink* 200 22+ *Jl* 24 '42

ADVERTISING, Trade union

CIO's publicity drive. *Business Week* p75 *Ap* 18 '42

ADVERTISING agencies

After hours, selecting an advertising agency. C. M. Freeman. *Ptr Ink* 197 6 N 14 '41

Agency service enables advertising man to do a bigger job. H. N. Baum. *Il Ind Marketing* 27 13-14+ S '42

Byoir, space buyer, public relations expert forms Institutional advertisers, inc., to write good-will copy and place ads for clients. *Business Week* p45-6 *Ja* 17 '42

Creative parts, special and interchangeable. W. L. Day. *Adv & Sell* 35 17 N '42

504 agencies placed 213,831 pages in business papers in 1941; tabulation, 1940, 1941. *Ind Marketing* 27 16-20 S '42

Impact of war on advertising agencies. F. R. Gamble. *Adv & Sell* 35 22-3+ *My* '42

Public relations and industry. M. K. Powers. *Adv & Sell* 35 70+ O '42

Review and forecast. A. Kudner. *Adv & Sell* 35 55-6, 58 F '42

War broadens opportunities for agency service. S. C. Brown. *Ind Marketing* 27 15+ S '42

Who determines type and selection of media; Printers' *Ink* jury of marketing opinion. *Ptr Ink* 198 24, 26 *Ja* 9 '42

Why direct advertisers don't use agencies. E. B. Weiss. *Adv & Sell* 34 48, 50+ D '41

See also

Advertising, Soliciting of

Contracts

Agency-client contracts strong and weak points, P I advertising agency clinic report. E. B. Weiss. *Ptr Ink* 197 69-74 D 12 '41

Eight basic types of agency-client agreements. E. B. Weiss. *Ptr Ink* 198 36+ *Ja* 30 '42

How to frame an agency-client agreement. E. B. Weiss. *Ptr Ink Mo* 43 14-15+ D '41

Employees

Advertising faces new personnel problems. J. Truscott. *Adv & Sell* 35 34+ *Mr* '42

Changes in personnel. Published in monthly numbers of Advertising and selling

Impact of war on advertising, an agency all-employee conference, use of special media in coming era of advertising. *Adv & Sell* 35 17-18 *Ag* '42

Finance

Agency victory; advertising agency wins surtax case. *Business Week* p84 D 6 '41

Tax ruling allows agency to use ratio of billings as working capital. *Ptr Ink* 197 87-9 N 28 '41

Management

After hours, agency might sell "package" service to small business. E. Wolf. *Ptr Ink* 197 6 N 21 '41

After hours; keeping appointment times. A. Woodley. *Ptr Ink* 198:84 *Ja* 9 '42

ADVERTISING agencies—Continued**Service**

Advertising agency builds morale for client employees. *il* *Ptr Ink* 199:22 *My* 1 '42
 Impact of war on advertising; an agency all-employee conference; use of special media in coming era of advertising. *Adv & Sell* 35 17-18 *Ag* '42
 New public relations billings for advertising agencies. *J. L. Williston. Adv & Sell* 35. 184-5 *F* '42
 War brings developments in advertising agency service. *P. H. Erbes, jr* *Ptr Ink* 201.13-14+ *N* 6 '42

ADVERTISING allowances

Ad promotional funds not subject to general maximum price regulation *Oil Paint & Drug Rep* 141.7 *Je* 1 '42
 Advertising allowance system not upset by OPA ruling *G Scholefield* *Ptr Ink* 199. 30+ *Je* 5 '42
 Advertising allowances not covered by price rules *Comm & Fin Chr* 155 2117 *Je* 4 '42

ADVERTISING and bankers

See also

Bank advertising

ADVERTISING and employees

See also

Advertising—Em-
 ployees, Appeal to

ADVERTISING and salesmen

\$500 can cover cost of promoting advertising to sales force *J. Reiss* *Ptr Ink* 198 54-6 *Ja* 16 '42
 Has advertising usurped sales prerogatives? *C S Kauffman* *Ptr Ink Mo* 43 34+ *D* '41
 How to use printed material in the sales meeting *E J Hegarty* *Ptr Ink* 199 34+ *Je* 5 '42

ADVERTISING and war

Advertisers make valuable contributions to the war effort *il* *Ind Marketing* 27 52 *S* '42
 Advertising coordinates for war effort; council representing industry set up *Comm & Fin Chr* 155:869 *F* 26 '42
 Advertising in a loose-money market *A R Hahn. Sales Management* 50.22 *Ap* 20 '42
 Advertising in armor. *il* *Sales Management* 50.18-21 *Ja* 15 '42
 Advertising in the war, with 50 specimen advertisements *Adv & Sell* 35 58-72 *N* '42
 Advertising in uniform. *Business Week* p67 *Ag* 1 '42
 Advertising in war-time *Electrician* 128:262 *Mr* 20 '42
 Advertising in wartime *Economist* 142:423 *Mr* 28 '42
 Advertising in wartime, plea for government fair deal for the advertiser. *R Moley. Ptr Ink* 200.39 *Jl* 31 '42
 Advertising is teaching conservation. *il* *Ptr Ink* 198.14-15 *F* 20 '42
 Advertising to help win the war, Stewart-Warner corp campaign *Ptr Ink* 199.58 *Ap* 24 '42
 Advertising under arms; unusual advertisements; illustrations *Sales Management* 50: 22-3 *F* 1 '42
 Advertising's wartime handicaps and opportunities *J E Wiley* *Ind Marketing* 27 34, 37-8+ *My* '42
 Advertising's wartime job *G. D. Crain, jr.* *Ind Marketing* 27 21-2, 70+ *F* '42
 Another inspiring business story from England: how house magazines fight economic war *F R Groves* *Ptr Ink* 197:37, 40, 42-3 *N* 14 '41
 Army spokesman outlines advertising's job in war *A. R. Ginsburgh. il* *Adv & Sell* 35 25-6+ *Ja* '42
 Bank service mobilization; should there be any financial advertising in wartime? *J. H. Morse* *Trusts & Estates* 74:479-81 *My* '42
 Britain organizes its war advertising *C Chisholm* *il* *Ptr Ink* 199:26, 31-2 *Ap* 17 '42
 Britain's carry-on advertising. *E. A. Dench. Banking* 35 52-3 *Jl* '42
 Business films in a nation at war *R. M Cronin. il* *Ptr Ink* 198.16-17+ *Mr* 27 '42

Campaign ready for post-war release; Barrington Hall coffee *il* *Ptr Ink* 201:26+ *O* 30 '42

Censor over ads. *Business Week* p48+ *Ja* 24 '42

Censorship guidebook. *Business Week* p56+ *Mr* 7 '42

Challenge to copy-testing, methods must keep pace with new objectives *L O Pratt. Ptr Ink* 199 21 *My* 1 '42

Conservation now? wartime advertising policy, comment by gas industry officials *Gas Age* 89.49-51 *My* 7 '42

Copy clinic *H Bratsberg* *Ptr Ink* 200:48 *Ag* 28 '42

Copy clinic, keep 'em reading! war, a challenge to copywriters *G Raphael* *Adv & Sell* 35 30, 32 *Ag* '42

Copy for victory, advertising's contribution to war effort endorsed *Business Week* p94 *S* 12 '42

Courage, strength, faith, sound judgment. *R Dickinson* *Ptr Ink* 197 9-12 *D* 19 '41

Don't buy ads; Canadian industry goes ahead with eye on postwar markets *Business Week* p42-3 *Ja* 10 '42

Early effects of war on radio *N. Miller* *Adv & Sell* 35 21-2+ *Ja* '42

Farms yield priceless scrap metal for war needs, Harvester company, using advertising to back up extensive collection program *il* *Ptr Ink* 198 28+ *Mr* 13 '42

Fishing tackle *R T Sanford* *Ptr Ink* 201.76 *O* 23 '42

Flexible advertising strategy proves worth today, tuna packer uses fresh copy themes to meet new emergencies *il* *Ptr Ink* 200 56 *S* 18 '42

42 ideas for war advertising that U.S. might adapt, experiences (and mistakes) of Brit-
 ain and Canada *il* *Ptr Ink* 198 15+ *Mr* 6 '42

42 special uses for advertising in a wartime economy. *il* *Ptr Ink* 198 24, 28+ *Ja* 23 '42

Function of the advertising man in wartime. *V H Van Diver* *Ind Marketing* 27.19-20+ *Ag* '42

GE shows lighting industry how it can help to win the war *H F Barnes. il* *Sales Management* 51 18-20 *Jl* 1 '42

Guide to effective war-time advertising. 141p *Associated business papers, New York*

Hart, Schaffner & Marx sells civilian clothes to men in khaki. *il* *Sales Management* 51 56 *S* 15 '42

Here are wartime rules having to do with advertising copy. Office of censorship answering 24 questions *Ptr Ink* 198:50-3 *Mr* 6 '42

Home-front advertising *Adv & Sell* 35:68 *Mr* '42

How advertising can help U.S. win both war and peace *Ptr Ink* 200 29-30 *Jl* 3 '42

How advertising can help win the war. *W. J. Weir* and others *il* *Ptr Ink* 199:13-76 *Ap* 10 '42

How advertising can help win war, two workable plans *Ptr Ink* 200 16 *Jl* 31 '42

How advertising helped prepare America to do war job superbly well. *W. D. Fuller. Ptr Ink* 198.34, 60 *Ja* 23 '42

How Allis-Chalmers is meeting its wartime advertising task, elaborate brochure and sound motion picture augment product campaigns *G J Callos* *il* *Ind Marketing* 27 26-7+ *My* '42

How and what can we advertise today with nothing to sell? *Warner & Swasey advertisement* *W K Bailey. il* *Sales Management* 51 44+ *O* 1 '42

How business can sell war to people, and why it must *W. J. Weir* *Ptr Ink* 199.19+ *My* 15 '42

How England met our no. 1 problem: advertising of restricted products. *J. Gloag. il* *Adv & Sell* 35 176+ *F* '42

How English paper shortage affects advertising. *P Emanuel* *Ptr Ink* 198:57 *Mr* 20 '42

How the printed word can and is aiding the war program; business editors and industrial advertisers provide valuable educational data *H Conover. il* *Ind Marketing* 27 28-31+ *Je* '42

ADVERTISING and war—Continued

- How war is changing reading and listening habits. B. Duffy. Adv & Sell 35:13-15+ My '42
- How will war affect American advertising? Il Ptr Ink 198:24-5+ Ja 2 '42
- Impact of war on advertising. Adv & Sell 34:17-81 D '41; 35:13-20 Ja; 180a-180d F; 17-24 Mr; 17-20 Ap; 17-20 My; 19-21 Je, 17-20 Jl; 17-20 Ag; 19-21 S; 19-22 O; 19-21 N '42
- Impact of war on advertising agencies. F. R. Gamble. Adv & Sell 35:22-3+ My '42
- Industrial ad men sharpen up at Atlantic City war conference. Sales Management 51:55-8 Jl 15 '42
- Industrial advertising for victory, and tomorrow. W. D. Murphy Ind Marketing 27:13-15+ Ap '42
- Inspired writing comes from the heart. G. W. Cecil. Adv & Sell 35:18+ O '42
- Instalment selling in reverse, paying now for after-war delivery; plan of Marketing research group of War work committee of Advertising club of New York C. C. Green. Il Ptr Ink 199:13-14+ My 22 '42
- Let's stop kidding; the war is serious. K. Akers. Adv & Sell 35:32 N '42
- Letting markets crumble is similar to dynamiting machinery, burning plants; is it patriotic to advertise in wartime? J. M. Cleary. Ptr Ink 199:11-12+ Ap 3 '42
- Long-range planning for wartime advertising. K. Groesbeck. Ptr Ink 199:15-16+ Je 5 '42
- More advertising needed, says Standard Brands' president; abstract. J. S. Adams Ptr Ink 200:20 Jl 24 '42
- Much talk, little said; need for war slogans. H. Powell Adv & Sell 35:56 Jl '42
- Need for advertising in war time D. C. Schnabel Il Gas Age 89:13-14+ Ap 23 '42
- New horizons now; advertising in today's war economy. H. M. Stevens. Ptr Ink 197:51-2, 54-6 D 19 '41
- No advertising blackout for automotive industry P. H. Erbes, jr Il Ptr Ink 198:15-16+ Ja 16 '42
- Nucleus company, new straw in the wind, concentrated manufacture, its import to advertisers. L. D. H. Weld Ptr Ink 201:22+ N 6 '42
- Outlook for ads. Il Business Week p54+ F 14 '42
- Peacetime forecast of advertising at war; ads of 1938 give technical slant for today T. Patrick. Il Adv & Sell 35:22-3 Ja '42
- Post-war markets being built with human industrial advertising; R. K. LeBlond machine tool co. Il Ptr Ink 198:22-3, 56-7 F 27 '42
- Post-war planning begins right here. D. V. Baker. Il Ptr Ink 200:22, 24+ S 18 '42
- Prophetic of things to come, advertising to help visualize improvements in products and services available after the war. Il Ptr Ink 200:18-19 Ag 21 '42
- Public's morale needs breaking down. H. G. Sawyer Ptr Ink 201:68+ O 30 '42
- Retail advertising under war conditions. G. P. Slockbower. J. Retailing 18:39-43 Ap '42
- Review of British industrial advertising under wartime restrictions J. L. Young Il Ind Marketing 27:30-1+ Jl '42
- Sales force intact and advertising up, Mohawk carpet mills H. P. Hildreth Ptr Ink 201:48 N 6 '42
- Tasks listed for wartime advertising. Comm & Fin Chr 155:1264 Mr 26 '42
- Tax deductions made for advertising Comm & Fin Chr 156:810 S 3 '42
- Ten men in Washington; or, the fallacies of 1942 B. Williams. Il Ptr Ink 200:19-20 S 18 '42
- Thing of peace, advertising is now geared to winning war; annual conference on National industrial advertisers association. C. B. Larrabee. Ptr Ink 200:24, 28+ Jl 10 '42
- This war's advertising serves both the Nation and sponsors. L. M. Hughes. Sales Management 51:24-6+ N 1 '42
- Transitional period copy theme is supplied by tin shortage; Gorton-Pew fisheries. Il Ptr Ink 198:44+ Mr 27 '42
- £2,000,000 will be spent by Britain for war advertising this year. C. Chisholm Ptr Ink 198:13-14+ Mr 6 '42
- U.S. Rubber campaign helps mobilize civilian America Sales Management 51:28 O 20 '42
- Utility advertising in war time D. M. DeBard Edison Elec Inst Bul 10:269-72 Jl '42
- Victory plan, N.I.A.A. maps program to give the industrial advertising man a comprehensive blueprint for successful war drives. Business Week p60 N 7 '42
- War ads change, Britain has seen major shifts in trends. Business Week p58+ Jl 11 '42
- War advertising, British style. Il Ptr Ink 197:20-1 D 12 '41
- War brings developments in advertising agency service. P. H. Erbes, jr. Ptr Ink 201:13-14+ N 6 '42
- War broadens opportunities for agency service S. C. Brown Ind Marketing 27:15+ S '42
- War department policy on advertising; a review of regulations and procedures to guide advertisers in the preparation of copy and photographs R. P. Powell Ind Marketing 27:37-40+ Ag '42; Same cond Ptr Ink 200:48-52 Jl 10 '42; Same cond Adv & Sell 35:44+ Ag '42
- War suggestion box Ptr Ink 199:17 My 1 '42 [cont weekly]
- Wartime advertising at point of sale. P. Thompson Il Mod Packaging 15:79-81 Je '42
- Wartime advertising philosophy Ptr Ink 197:47-8 D 19 '41
- Washington personalities comment on advertising Ins Field (Life ed) 71:12 Jl 10 '42
- What sales messages are advertisers using? F. Rundell Inland Ptr 109:26 Je '42
- What should a company advertise—today? General Electric survey. R. S. Peare Il Sales Management 50:18-21 My 1 '42; Same cond Management R 31:173-5 My '42
- What sort of printing shall we be selling next? F. Rundell Inland Ptr 109:42 S '42
- What's going to happen to retail advertising during the war? K. Collins. Sales Management 50:14-15 Ap 1 '42
- Who should pay for war advertising? government should pay; industry should pay. Adv & Sell 35:13-14+ Je '42
- Why advertise in wartime? C. W. Olliver Il Adv & Sell 35:98+ N '42
- Why wartime advertising is most important of all L. D. H. Weld Ptr Ink 200:28, 30 S 25 '42
- Will institutional ads repeat the boners of 1918? M. K. Powers Adv & Sell 35:70+ Je '42
- You and business papers can help J. H. Morse Power Pl Eng 46:45 Je '42
- See also
Advertising copy—
Conservation appeal
Advertising copy—
War theme
Advertising council
- ADVERTISING appropriations**
Advertising expense and corporate income tax returns, clarifying explanation regarding deductibility. Ptr Ink 200:19+ S 4 '42; Same Adv & Sell 35:16a-16b S '42; Same Ind Marketing 27:32, 35-6 S '42
- Advertising expenses and your tax bill. Management R 31:351-3 O '42
- Agencies see larger appropriations with increases in business papers. Il Ind Marketing 27:28-31+ Ja '42
- Explains deductible advertising expenses G. T. Helvering Comm & Fin Chr 156:1171 O 1 '42
- 42 questions for limited budget advertiser to ask himself. J. Reiss Ptr Ink 197:25+ N 21 '41
- Funds shrink, but tea advertising goes on; sales at record level. Il Sales Management 50:40-2 Ja 1 '42
- Getting the best out of a small budget; advertising, public relations. C. J. Allen Edison Elec Inst Bul 10:289-92 Ag '42, Same. Gas Age 90:15-18+ N 19 '42

ADVERTISING appropriations—Continued

Leading advertisers of 1941 and their expenditures; 401 companies invested \$252,690,053 in magazines, farm papers and network radio. *Ptr Ink* 198:41+ F 6 '42
 Quit worrying about advertising and taxes J. K. Lasser *Adv & Sell* 35:24+ O '42
 2 01 per cent of gross sales spent for advertising in 1941. *Ind Marketing* 27:105 F '42

ADVERTISING art

Advertising as a fine art P H Erbes, jr. *Ptr Ink Mo* 43:42+ D '41
 Art directors 21st annual, reproductions of the Art directors club exhibit displayed at the Metropolitan museum of art in the spring of 1942. 176p \$6 Watson-Guptill publications. 330 W 42d st, New York '42
 Medal award and honorable mention for technical excellence of visual presentation (layout, art, typography) *Adv & Sell* 35:24-7 F '42
 Three-man juries judge advertising art *Ptr Ink* 199 14-15 Ap 17 '42

See also

Advertisements, Pictorial
 Posters

ADVERTISING as a profession

Advertising goes to town E E Calkins *Adv & Sell* 35:64 My '42
 Advertising women cogitate on their post-war status G Murray *Ptr Ink* 198 43 Mr 6 '42
 Functional pattern technique for classification of jobs E W. Davis, 128p biblog (p121-3) \$1 85 Teachers college '42
 How personnel can use advertising talent; advertising man transferred to personnel work H W Bullard, *Adv & Sell* 35:38 Je '42
 How the advertising mind works, foresight, altruism, humanity, honesty, lift K. Groesbeck *Ptr Ink* 201 15-16 O 16 '42
 More women in advertising now than in World war I D Dignam, *Ptr Ink* 199:16-17+ My 29 '42

See also

Advertising agencies
 Advertising copy writers
 Advertising ethics

ADVERTISING associations

Advertising roster; membership of industry-Washington liaison body. *Business Week* p48-9 F 21 '42
 Conventions. Published in *Printer's Ink*

See also

Advertising council National association
 Association of national of transportation
 advertisers advertising

ADVERTISING awards

Advertising awards medal goes to A N A. president *Ptr Ink* 198 46 F 13 '42
 Annual advertising awards, 1942 *Adv & Sell* 35 54, 58 O '42
 Chicago art directors' awards *Ptr Ink* 198:42 Mr 13 '42
 1941 annual advertising awards *Adv & Sell* 35:1-53 F '42
 Prize advertising, awards to agencies and individuals announced. *Ind Business Week* p64+ F 7 '42
 Prize-winning mail campaign: it switched a market to alternate products; Southern States Iron Roofing converts to asphalt. *Ptr Ink* 201:76, 78+ N 6 '42
 Three-man juries judge advertising art. *Ptr Ink* 199:14-15 Ap 17 '42

See also

Radio advertising—Awards

ADVERTISING booklets. See Advertisements—Books and booklets**ADVERTISING campaigns**

Advertising campaign that was bombed out of existence and came to life; Allis-Chalmers moving picture and brochure for customers, stockholders and employees. A. R. Tofte, *Ptr Ink* 199:59-60 Je 5 '42

Advertising goes all out for war effort; Philco continues magazine campaign *Ptr Ink* 199:15 Ap 24 '42

Blue book, case histories of noteworthy advertising successes. 151p Bur. of advertising, Am newspaper publishers assn, New York '41

Campaign advertising. J Steagall J Retailing 18 67-73 O '42

Campaigns and marketing Published in semi-monthly numbers of Sales management

Cash offer wins fast turn-in of old merchandise, Devco & Reynolds company, scrap collection drive for paint brushes *Ptr Ink* 200 46-7 S 4 '42

Hart, Schaffner & Marx sells civilian clothes to men in khaki *Ind Sales Management* 51:56 S 15 '42

Humorous trade characters spotlight major sales points, Coopers, Inc *Ptr Ink* 198 37 F 13 '42

Industry's war on waste of time, labor and materials exemplified in Disston's campaign, cards instruct in care and use of tools W Gebhart, *Ptr Ink* 198 19-20 F 13 '42

Largest promotion in history skyrockets dinnerware sales for Marshall Field. *Ptr Ink* 199 32-4 O '42

Marlboro cigarettes provide theme for fashion advertising *Ptr Ink* 200 21 S 11 '42

New campaigns show advertisers' ingenuity *Ptr Ink* 198 98-9 F 6 '42

Nickel, nickel, nickel, the fulsome, fantastic story of the rise of Pepsi-Cola A J. Stewart *Adv & Sell* 35 13-15+ S '42

Sets pattern of advertising for rubber processors, O'Sullivan rubber co campaign to promote shoe repair *Ptr Ink* 199:32 My 15 '42

Specific ways to tie-in national campaign at point of sale, Printers' Ink Monthly special study *Ptr Ink Mo* 43 18-21+ D '41

Surface Combustion campaign creates new thinking on deliveries. *Ind Marketing* 26: 19-20 D '41

This tool advertising is done in newspaper tabloid style; Chicago pneumatic tool company J A. Murphy. *Ptr Ink* 198:15+ Mr 27 '42

Van Camp's open 105 markets for Tenderoni in less than 90 days *Ind Sales Management* 51:24 Ag 1 '42

See also

Advertising, Associa- Money raising cam-
 tion paigns

Special weeks

Merchandising weeks and days of 1942 *Adv & Sell* 35 52+ Ja '42

1942 merchandising days and weeks. *Ptr Ink* 197 59-60, 62 N 21 '41

Sew and save, war-time theme for Needlecraft bureau and sponsors. *Ptr Ink* 198: 36+ Mr 6 '42

Testing

Most effective appeal for volume usage of a product; ingenious testing methods employed by Dennison. W A Sturgis. *Ptr Ink* 200 20-2+ S 4 '42

ADVERTISING cards

Car card advertising. *Bus Transportation* 21: 366-7 Ag '42

Car cards come to life. *Ind Sales Management* 50 17 Mr 1 '42

Car cards; does anybody read 'em? *Ind Bus Transportation* 21:138 Mr '42

Tell this to the car-card skeptic; experience of the Grand Central (Los Angeles) public market *Bus Transportation* 21:181 Ap '42

Transit rise to 20 billion fares reflects markets' rapid growth *Sales Management* 51: 36+ N 1 '42

23 minutes of selling time. M. Hackathorn *Adv & Sell* 35:24, 84 N '42

Van Camp's open 105 markets for Tenderoni in less than 90 days. *Ind Sales Management* 51 24 Ag 1 '42

See also

Show cards

ADVERTISING characters

For these serious times, industrial advertiser chooses lighter touch; Gardner-Denver company, B. P. Spann. *il* *Ptr Ink* 198.15+ Mr 13 '42

Hard-working trade character; Mr Q. *il* *Ptr Ink* 200.48 J1 3 '42

Humorous trade characters spotlight major sales points, Coopers, inc. *il* *Ptr Ink* 198.37 F 13 '42

They laughed when I went into selling, the life story of Elsie the cow S. Peabody. *il* *Adv & Sell* 35 15-17+ Je '42

ADVERTISING contracts

See also

Advertising agencies

—Contracts

ADVERTISING copy

Ad man in camp, army as proving ground for appeals that move men in the mass E B Stern *Adv & Sell* 35 18+ Je '42

Advertising in 1942 will be different; defense theme, patriotic appeal, institutional advertising, stockholders C Norton *il* *Ptr Ink* 197.23-7 D 5 '41

Aircraft future as copy theme; Wright Aeronautical's 1942 advertising campaign *il* *Ptr Ink* 200 15 J1 24 '42

Awards for technical excellence of copy *il* *Adv & Sell* 35 28-30 F '42

Black and white, with simple message; for new line of all-steel kitchens W W. Suitt *il* *Ptr Ink* 197 18-20 N 28 '41

Challenge to copy-testing, methods must keep pace with new objectives L O Pratt *Ptr Ink* 199.21 My 1 '42

Copy clinic E B Smith Published in monthly numbers of Advertising and selling Copy writers' note: people are most interested in themselves R Manville, *Ptr Ink* 201 58 O 16 '42

Getting attention in industrial copy E Peterson *il* *Ptr Ink* 200 16-17 Ag 28 '42

Hang your heads, you advertisers, copy teaching the easy way of living W J Weir *Ptr Ink* 201 15 N 6 '42

How to find strongest selling argument for your product, Marlin razor blade advertising, split-run testing R Manville *il* *Ptr Ink* 198.16-18+ Mr 13, 28, 30+ Mr 27 '42

How to pack pull into your classified advertising copy T H Thompson *il* *Sales Management* 50 32-6 Je 1, 66, 68-9 Je 15 '42

How to write a good advertisement, ask for action V O Schwab *il* *Ptr Ink* 197 31-3, 36-8 D 26 '41

How to write a good advertisement, get attention V O Schwab *il* *Ptr Ink* 197 18-22 N 14 '41

How to write a good advertisement; persuade them to grasp advantage V O Schwab *Ptr Ink* 197 38, 42-3, 46-7 D 19 '41

How to write a good advertisement; prove it V O Schwab *Ptr Ink* 197 33+ D 5 '41

How to write a good advertisement, show people an advantage V O Schwab *Ptr Ink* 197 58-9, 62+ N 28 '41

Industrial copy dons overalls M K. Powers. *Adv & Sell* 35 42 Ap '42

Information in advertising K Dameron Harvard Business R 20 no 4 482-95 [J] '42

Information in advertising, a study of information in manufacturers' advertising and sales promotion 84p \$2.50 Committee on consumer relations in advertising, 420 Lexington av, New York '41

Inspired writing comes from the heart G W Cecil *Adv & Sell* 35 18+ O '42

Local advertisers develop ingenious copy angles *il* *Ptr Ink* 198 58+ Mr 6 '42

Not Genesis V, please! analysis of tell-all principle of industrial advertising copy for those who take it literally E. L. Andrew. *Ind Marketing* 27 17+ Mr '42

Personality, in copy and script T H Thompson *Ptr Ink* 200 66 S 4 '42

Sales-testing thrives in today's market F E. Coutant. *Adv & Sell* 35 46+ Mr '42

These nine hooks can give real pulling power to copy B R Brooker *Ptr Ink* 201 23-4 O 2 '42

Trend in objectives and methods of industrial advertising. *Ind Marketing* 27 32-3+ Ja '42

Vice-president-in-charge-of-thinking-about-tomorrow, idea created for an advertisement developed to a nationwide movement of planning for peacetime *il* *Ind Marketing* 27 23+ F '42

Wartime memo from a copy chief J. T. Huntington *Adv & Sell* 35 181-3 F '42

What buyers of electrical equipment want in advertising copy; twenty-one men pass judgment on over 1,000 pieces of advertising L W Dunn *il* *Ind Marketing* 27 18-20, 100-1 F '42

What engineers and contractors want in advertising copy, eight basic points C S. Wilkinson *il* *Ind Marketing* 27 23-5+ Je '42

What industrial copy can teach consumer advertising *il* *Adv & Sell* 35 24+ Je '42

What should a company advertise—today? General Electric survey R S Pearce. *il* *Sales Management* 50 18-21 My 1 '42; Same cond. *Management* R 31 173-5 My '42

See also

Advertisements—
Testing

Advertising ethics
Sales letters

Conservation appeal

Conservation is advertised, eight industries contribute ideas for saving and giving longer life to products *Ptr Ink* 198 61 Ja 30 '42

Relief-from-shortage copy enters with first-ratified food, seven advertising and sales managers tell why their firms use copy that ties in on the sugar shortage *il* *Ptr Ink* 201 22 25-6 O 9 '42

Credibility

Why they don't believe us J Benson *Adv & Sell* 34 64+ D '41

Demonstrations and tests

So they can read it in the moonlight! documenting the advertising story W. T. Laing *il* *Ptr Ink* 201 16-17+ N 6 '42

Educational copy

See Advertising, Educational

Emotional appeal

Propaganda is not advertising; fact-trained agency men may short-change the intangibles *Adv & Sell* 35 20-1 Je '42

Fashion appeal

Marlboro cigarettes provide theme for fashion advertising *il* *Ptr Ink* 200 21 S 11 '42

Good-will copy

See Advertising, Educational, Advertising, Institutional

Headlines

See Advertisements—Headlines

Health appeal

Vitamin-saving nutrition theme rivets attention on modern gas cookery J S Spaulding *il* *Am Gas Assn Mo* 23 432-3 D '41

Language, style, etc.

After hours C Sloane *Ptr Ink* 197 6 D 12 '41
After hours, President's freedom-of-the-seas speech K H Thompson *Ptr Ink* 197 6 D 26 '41

On talking down. D. P. Ketter *Ptr Ink* 197: 40 N 21 '41

Reading rhythm; a study of paragraph structure, readability of copy can be improved. N B Bjornson *Ptr Ink* 197 47+ N 21 '41

Use of trade terms in advertising only double-talk to the housewife P Salisbury *il* *Sales Management* 50 18-21 F 1 '42

War hyphen-time copy trend J B Gray *Adv & Sell* 35 30+ N '42

See also

Advertising copy
writers

ADVERTISING copy—Continued**Length**

Be brief, be bright, begone. R Dickinson
Banking 34-25 My '42
Coupons in advertising prove to be mine of
information P. V. Barrett il Ptr Ink 200.
22+ S 11 '42

Negative appeal

Coupons in advertising prove to be mine of
information P. V. Barrett. il Ptr Ink 200.
22+ S 11 '42

Patriotic appeal

After hours, improper use of war motif Ptr
Ink 198 64 Ja 23 '42

Premium offers

Don't save advertising, make it work! new
customers won for packaged goods by
offering them something extra to try the
product D Jones Sales Management 50
16-18 Je 1 '42

Premiums are continuous sales stimulator,
Pillsbury flour mills il Ptr Ink 200 19-20 Jl
24 '42

Swift premium offer features wartime house-
hold guide Ptr Ink 201 57 N 6 '42

Price appeal

Newspapers get big price control job, helping
retailers to comply with ceiling price regu-
lation and making anti-inflation copy il
Ptr Ink 200 20-1 S 25 '42

Reason appeal

Finding and using the sales idea M Wise-
man il Ptr Ink 198 21-3+ Ja 9 '42

How to write a good advertisement; prove
it V O Schwab Ptr Ink 197 33+ D 5 '41

Service appeal

Advertises to share technical knowledge in
all-out effort, MacDermid, incorporated
W D MacDermid il Ptr Ink 198 21 Mr 6
'42

Industrial advertising switches from com-
petitive to service theme, Parker-Kalon
screws E Peterson il Ptr Ink 198 21-2 F
20 '42

Testing

See Advertisements—Testing

Themes

Flexible advertising strategy proves worth
today, tuna packer uses fresh copy themes
to meet new emergencies il Ptr Ink 200
56 S 18 '42

Keep your eye on that teapot! Ink sales
appeal to the future A Kimball Ptr Ink
201 17-18+ O 30 '42

Technique for field research to determine the
copy theme, talking to users about their
problems W W Garey Ind Marketing 27
21-2+ Ag '42

Thrill appeal

How to find most powerful selling argument
for your product, Marlin firearms co. R
Manville il Ptr Ink 198 28, 30+ Mr 27 '42

Time saving appeal

High speed war production brings strong
industrial copy theme il Ptr Ink 198 21-
2+ Ja 16 '42

Use appeal

Gypsum house organs in publications do edu-
cational job, builders and architects shown
how extensive line of USG products may
be used to achieve desired results H O
Hayes il Ind Marketing 27 20-1 Jl '42

War theme

Advertisers at war il Ptr Ink 197 13-16, 63-5
D 19 '41

Advertising campaign that was bombed out
of existence and came to life, Allis-Chal-
mers moving picture and brochure for
customers, stockholders and employees A.
R Tofte Ptr Ink 199.59-60 Je 5 '42

Advertising goes all out for war effort; Philco
continues magazine campaign. il Ptr Ink
199 15 Ap 24 '42

Advertising in armor il Sales Management
50 18-21 Ja 15 '42

Advertising in the war, with 50 specimen
advertisements Adv & Sell 35 58-72 N '42
Advertising is far from all-out! A Price Adv
& Sell 35 16+ Ap '42

Advertising that can help win the war at
point-of-sale outlets il Ptr Ink 199.18-19
My 1 '42

Constructive consumer help is wartime copy
theme, 41 examples il Ptr Ink 199 15-20,
76 Ap 10 '42

Copy based on letters from employees in
service. il Ptr Ink 200 58 Ag 7 '42
Defense advertising? yes, but let's make it
informative; Binghamton gas works R E
Williams il Am Gas Assn Mo 24 9-10 Ja
'42

Dress manufacturer promotes defense
stamps il Ptr Ink 197 55-6 D 26 '41

Eel Creek technique J Forsom Adv & Sell
35 28 O '42

Emotional war copy puts Chicago bond and
stamp sales over top C. Bedell il Ptr Ink
200 11-14 Ag 14 '42

Graphic promotion grids for war. il Ptr Ink
Mo 43-40-1+ D '41

Home sewing advertising is on the mend;
post-war continuation of brisk sales will
require promotion G Murray. il Ptr Ink
200 23-4+ S 4 '42

How advertising solved a wartime problem
for Armco, newspapers and business papers
used W E McFee il Ind Marketing 27 33
F '42

How business can sell war to people, and
why it must W J Weir Ptr Ink 199 19+
My 15 '42

How the war came to E B Smith il Adv
& Sell 35 44, 48 Ja '42

How will war affect American advertising?
il Ptr Ink 198 24-5+ Ja 2 '42

Industrial copy sets pattern in advertising's
war effort il map Ptr Ink 199 21-2+ Ap 10
'42

John Citizen looks at wartime copy S S
Bowman Adv & Sell 35 28+ O '42

Ladies disagree, are women people? C Kel-
lar Adv & Sell 35 87 S '42

Let's stop kidding, the war is serious K
Akers Adv & Sell 35 32 N '42

Macy's campaigns to deter needless sales.
il Adv & Sell 35 33 Je '42

Promotes savings in war bonds to pave way
for postwar sales, Hotpoint merchandising
project G H Smith. il Ptr Ink 200.15-17
S 4 '42

Sell tomorrow today! promoting post-war
products now, moving war bonds F
Bohen Ptr Ink 200 13-14+ Jl 24 '42

Sew and save, war-time theme for Needle-
craft bureau and sponsors il Ptr Ink 198:
36+ Mr 6 '42

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advertising headlines E Peterson il Ptr
Ink 201.15-16 O 9 '42

Store displays in wartime H. Korman il
Mod Packaging 15 83-5+ My '42

Thought pattern for wartime copy J. G.
Schneider Ind Marketing 27 28+ N '42

Trade-marks to the rescue! selling War
stamps to masses W W Wachtel il Ptr
Ink 200 11-18 Jl 17 '42

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program, eastern lines newspaper cam-
paign G A Nichols il Ptr Ink 201 13-16+
O 30 '42

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readers Business Week p54, Ap 11 '42

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After hours, copy writers should be required to leave their swivel chairs. *T* Lucas *Ptr* Ink 197:6 D 5 '41

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Gallery; that egg, don herold. *F R* Bellamy *Il* Adv & Sell 35:28+ Je '42

Sappho of Seventh avenue *S* Jones Adv & Sell 34:42, 44 D '41

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Advertising front *Fortune* 26:60+ N '42

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Planning to make your field trip a success, material for LeTourneau advertising *G C* McNutt *Il* Ind Marketing 26:24-5+ D '41

Program for advertising manager, now, helping service and research departments, post-war planning *R. M* Oliver, *Il* *Ptr* Ink 200:54-6 JI 17 '42

War adds duties for advertising department *Ptr* Ink 200:49 Ag 7 '42

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Award winners, 11th annual all-America package competition *Il* *Mod Packaging* 15:198-213 Ap '42

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Displays made of paper open a new market for Marquardt & co.; Ugo Mochi, creator *Il* *Sales Management* 51:22-3 O 20 '42

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Window links in advertising, window display in relation to other advertising. *C. Percy.* *Il* *Mod Packaging* 16:63-6 N '42

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FTC accuses two more cigarette manufacturers, Lucky Strike and Pall Mall *Ptr* Ink 200:56-7 S 4 '42

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Convention, New York *Ptr* Ink 200:29-30 JI 3 '42

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New catalogs, booklets, bulletins; 379 items covering equipment and supplies used by power engineers *Power* 85:986-93+ Mid-D '41

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Advertising, Soliciting of	Show windows
Moving pictures in advertising	Slide films
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Advertising agencies Advertising copy
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See also

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Air filters	Heating
Car cooling	Humidity
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Electricity in air conditioning	Smoke prevention
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Airplane factories	Laboratories
Airplanes	Library buildings
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Annual meeting, 46th and first Western hemisphere foundry congress, Cleveland, April 20-24, Foundry 70:90-7+ My; 62-5, 84+ Je '42; Steel 110:54-6 Ap 27 '42, Iron Age 149:56-61 Ap 30 '42; Metals & Alloys 15:802+ My '42

Annual meeting; plans, program, committee members, awards, etc, Foundry 70:104-25+ Ap '42

New directors, chapter and group secretaries, pors Foundry 70:132, 134, 136, 185 My '42

Program of 46th annual convention, Iron Age 149 61-4 Ap 9 '42; Metals & Alloys 15:607, 609-10+ Ap '42

Western hemisphere foundry congress, Cleveland; plans, Foundry 70 72+ Ja; 61+ F; 65+ Mr '42

AMERICAN gas and electric company

Annual report, Comm & Fin Chr 155 1826 My 11 '42

Earnings, 1940 and 1941, Comm & Fin Chr 155:692 F 14 '42

Yielding over 10% O. Ely, Barron's 22:20 F 23 '42

AMERICAN gas and power company

Annual report, Comm & Fin Chr 155:1513 My 18 '42

Secured debentures offer attractive yield, Comm & Fin Chr 155:2020 My 28 '42

AMERICAN gas association

Accountants face another major job; plans of Accounting section, L. L. Dyer, Gas Age 89:37+ Ja 15 '42

American gas association is on the job, T. J. Strickler, Am Gas Assn Proc 1941:15-19; Same, Am Gas J 155:16-18+ N '41; Same, Am Gas Assn Mo 23:275-7+ N '41; Same cond, Gas Age 88:44, 46, 54 N 6 '41

A.G.A.'s war stride; total effort of association directed to vital tasks, J. W. West, jr, Am Gas Assn Mo 24:173-5 My '42

Annual meeting, 23d, Atlantic City, Oct. 20-22, Am Gas Assn Mo 23:371-4, 386-90, 394-406+ N '41; Gas Age 88:21-37 N 6 '41; Am Gas J 155:9-15 N '41

AMERICAN gas association—Continued

Annual meeting, 24th, Chicago, Oct 5-6 Am Gas Assn Mo 24:379-86, 404-5, 411-12, 417-22 N '42; Am Gas J 157:9-15 N '42; Gas Age 90:15-25 O 22 '42; Pub Util 30:666-70 N 5 '42

Annual natural gas convention, 37th, and 18th annual distribution conference, New Orleans, May 4-7. Am Gas J 156:12-15 Je '42; Gas Age 89:10-14+ My 21 '42

Geared for war, gas industry sets up streamlined committee Am Gas Assn Mo 24 43-5 F '42

Joint production and chemical committee conference, New York, May 25-26. Am Gas J 156:16-17 Je '42

1941-1942 officers and section chairmen; portraits Gas Age 90:40 O 8 '42

Production, chemical and motor vehicle men meet in New York, May 25-26. Gas Age 89: 8-10+ Je 18 '42

Technical section geared to war needs. H. L. Gaidry Gas Age 89:45-6 Ja 15 '42

Technical section launches its 1942 program. A. G. King. Am Gas Assn Mo 23:450-2 D '41

War activities of the American gas association E R Acker. Gas Age 90 35-7+ JI 16 '42

Who's who among newly-elected officers. pors Am Gas Assn Mo 23:422-4 D '41

Appliance testing laboratory

Changes in approval standards and laboratories' procedure streamlined to the war tempo. F R Wright II Am Gas Assn Mo 24 245-8 Je '42

Five-year period extended in wartime modification of appliance approvals G E Whitwell Am Gas Assn Mo 24 423-4 N '42

Laboratories streamline for all-out war effort G E Whitwell Am Gas Assn Mo 24 298-300 S '42

Our laboratories' contribution to war efforts R M Conner. II Am Gas Assn Mo 24:38-40 Ja '42

Research in gas, summer air conditioning at A G A laboratories R M Conner II diag Am Gas Assn Mo 24 306-9 S '42

Natural gas section

Annual meeting, 37th, New Orleans, May 4-7 Oil & Gas J 40 24-5, 57, 59-60 My 7 '42, Am Gas Assn Mo 24:203-7 Je '42

Meeting, Atlantic City, Oct. 20 Am Gas Assn Mo 23 386-90 N '41

Wrinkle department; its purpose and importance. F W. Stone. Gas Age 88:27+ D 4 '41

AMERICAN gear manufacturers association

Annual meeting, 26th, Hershey, Pa May 10-12 Iron Age 149:60-2 My 21 '42; Am Mach 86 532d My 28 '42; Steel 110:66-7 My 18 '42; Mach 48:154 Je '42

Semi-annual meeting, 25th, Skytop, Pa Oct 15-17 Mach 49:206-7 N '42; Steel 111 51 O 26 '42

AMERICAN hard rubber company

Acquires complete control of Pequannoc rubber co Comm & Fin Chr 155:859 Ja 24 '42

Merger plan, Comm & Fin Chr 154:1489 D 13 '41

AMERICAN hardware manufacturers association

Semi-annual meeting, Chicago, Steel 111.32, 50 O 26 '42

AMERICAN hide and leather company

Outlook for American Hide & Leather. Barron's 22:6 Ag 31 '42

AMERICAN home products corporation

Another look Mag of Wall St 70:28-9 Ap 18 '42

AMERICAN hot dip galvanizers association

Galvanizers expand markets through co-operative effort, business paper copy and technical literature. II Ind Marketing 27.38, 40 Mr '42

AMERICAN industries salvage committee

American industries salvage committee formed. Marine Eng 47:154+ Ag '42

AMERICAN institute for property and liability underwriters

American Institute names its trustees East Underw 43:20 Mr 18 '42

J. A. North, president of new educational project; other officers Nat Underw 46:2 Ap 30 '42

New institute adopts single unified plan S S Huebner East Underw 43 29 Mr 6 '42;

Nat Underw 46:10+ Mr 5 '42

Organization, East Underw 43:1+ Ja 2 '42

Property institute plan wins approval.

Weekly Underw 146:369+ F 14 '42; East Underw 43 1+ F 13 '42

Standards set by Institute H J. Loman

Ins Field (Chicago Conv Daily ed) 71 13 S 23 '42

AMERICAN institute of accountants

Junior accountant, his duties and opportunities W. W. Nissley. J Account 74 246-56 S '42

Report of the president. N. L. McLaren J Account 74 394-6 N '42

Committee on accounting procedure

Comparison of principles and procedures; statements on accounting procedure by American institute of accountants and by American accounting association compared.

R L Boyd J Account 74:46-55 JI '42

Reflections on the development of accounting procedures. J. L. Dohr. J Account 74: 41-5 JI '42

AMERICAN institute of actuaries

Annual convention, Chicago. Nat Underw (Life ed) 46:1+ Je 5; 6, 16-17 Je 12 '42

AMERICAN institute of architects

Annual meeting, Detroit. Arch Rec 92 38-9+ JI '42

AMERICAN institute of banking

Annual convention, 40th, New Orleans, June 8-11. Am Inst Banking Bul 24:2-13, 16-18, 22-7 JI '42

End of year statement; membership and enrolment G T. Newell Am Inst Banking Bul 24:17-22 Ja '42

New AIB committee chairmen announced. Comm & Fin Chr 156:183 JI 16 '42

President Simms appoints national committees for 1942-1943. Am Inst Banking Bul 24:28-31 JI '42

Report of Institute membership; tabulation. Am Inst Banking Bul 24:19-21 JI '42

AMERICAN institute of chemical engineers

Meeting, Virginia Beach, Va Nov. 3-5. News Ed 19:1238, 1362 N 25 '41

Proceedings of the 34th annual meeting; Virginia Beach, Va. Nov 3-5. Am Inst Chem Eng Trans 37:B95-B130 D '41

Proceedings of the 34th semi-annual meeting, Boston, May 11-13 Am Inst Chem Eng Trans 38:B77-103 Je '42

Semi-annual meeting, 34th, Boston, May 11-13, abstracts of papers Can Chem & Process Ind 26 393-4 JI '42

Semiannual meeting, 34th, Boston, May 11-13; with abstracts of papers. Chem & Eng N 20:660-5 My 25 '42

AMERICAN institute of chemists

Chemists institute elects Egloff Oil Paint & Drug Rep 141 5+ My 25 '42

AMERICAN institute of electrical engineers

Institute finances as reflected in 1941-42 budget. Elec Eng 60:595-6 D '41

North Eastern district meeting, Schenectady, N.Y. April 29-May 1 Elec Eng 61:314-21 Je '42

Officers and committees for 1942-43; student branches and local sections Elec Eng 61 483-7 S '42

Pacific coast convention 4th Vancouver, Sept 9-11 Elec Eng 61:524-7 O '42; Elec W News ed 118 1020-1 S 26 '42; Elec West 89: 64-5 O '42

Report of the board of directors, fiscal year ending April 30, 1942 Elec Eng 61:368-81 JI '42

Summer meeting, Chicago, June 22-26 Elec W 118:83-7 JI 11 '42; Elec W News ed 118: 3-4 JI 4 '42; Elec Eng 61:417-32 Ag '42; Power Pl Eng 46:110 Ag '42

AMERICAN Institute of electrical engineers—*Continued*

Winter meeting, New York, Jan 26-31, Elec W 117:486-93 F 7 '42; Elec W News ed 117: 418 Ja 31 '42; Elec Eng 61:144-61 Mr '42; Power El Eng 46:76-8 Mr '42

AMERICAN Institute of laundering (formerly Laundryowners' national association)

Help for your laundry customers. Bankers Mo 59:115 Mr '42

AMERICAN Institute of marine underwriters

Mather director of American Institute; other directors reelected Weekly Underw 147. 968 O 24 '42

AMERICAN Institute of mining and metallurgical engineers

Annual meeting, New York, Feb 9-12 il Eng & Min J 143 71-2 Mr '42; Metals & Alloys 15 429-4 Mr '42; Min & Met 23 154-74 Mr '42; Iron Age 149 54-60 F 19 '42; Steel 110 81-2+ F 16 '42

Complete program, 156th meeting, New York, Feb 9-12, Min & Met 23 117-27 F '42

Election of officers for 1942 Min & Met 23: 36-7 Ja '42

Preliminary program, 156th meeting, New York, Feb 9-12, 1942 Min & Met 23:23-8 Ja '42

Resolution adopted by the board regarding honorary memberships Min & Met 22 601-2 D '41

Roster of officials, officers of local sections and meeting dates, portraits of section chairmen Min & Met 23 572-3 N '42

Women A I M E members contribute their share in engineering war pors Min & Met 23 580-1 N '42

Coal division

Annual meeting, New York, Feb. 9-11 Coal Age 47:86-94 Mr '42

Joint meeting with Fuels division, American society of mechanical engineers, Easton, Pa Oct 30-Nov 1 Min & Met 22 588-90 D '41

Industrial minerals division

Fall meeting, Rolla, Mo Oct 23-25 Min & Met 22:585-6 D '41, Rock Prod 44 77+ D '41

Institute of metals division

Fall meeting, Cleveland and Columbus, Oct 12-14 Min & Met 23 570-1 N '42

Fall meeting, Philadelphia, Oct. 20-22 Iron Age 148 55-8 O 30 '41, Min & Met 22 587-8 D '41

Iron and steel division

Fall meeting, Cleveland and Columbus, Oct 12-14 Min & Met 23 570-1 N '42

Fall meeting, Philadelphia, Oct 20-22 Min & Met 22 587-8 D '41

Petroleum division

Annual meeting, New York Oil & Gas J 40 12+, 42-3, 45-7, 76-7 F 12, 29, 92 F 19 '42

Fall meeting, Austin, Texas, Oct 29-30 Oil & Gas J 41:12-13, 24, 45, 47-8 N 5 '42

AMERICAN Institute of physics

First report of the war policy committee. Science 95:508-9 My 15 '42; Same R Sci Instr 13:245-7 Je '42

Second report of the war policy committee Science 96:89-90 Jl 24 '42

AMERICAN Institute of steel construction

Annual meeting, 20th, Colorado Springs, Sept 29-Oct 2 Steel 111:97+ O 5 '42

AMERICAN International corporation

Annual report, Comm & Fin Chr 155:359 Ja 24 '42

AMERICAN Iron and steel Institute

Annual meeting, 51st, New York, May 21; addresses of W. S. Tower and H. J. French, Blast F & Steel Pl 30 635-40+ Je '42

AMERICAN leather chemists association

Annual meeting, 39th, Columbus, Ohio, June 1-2 Oil Paint & Drug Rep 141:5+ Je 8 '42

AMERICAN life convention

Annual meeting, 37th, Chicago, Oct 5-8. East Underw 43 3+ O 9 '42, Ins Field (Life ed) 71 5+ O 9 '42, Nat Underw (Life ed) 46:1+, 17+ O 9; 2+ O 16 '42, Weekly Underw 147 874-5+ O 10 '42

Medical section 32d annual meeting, Colorado Springs, June 4-6 Nat Underw (Life ed) 46:1+ Je 5, 3+ Je 12 '42, Ins Field (Life ed) 71 10 Je 12 '42

AMERICAN light and traction company

Asset value O Ely Barron's 22 20 Jl 20 '42 To liquidate to comply with SEC order. Comm & Fin Chr 155 1593-4 Ap 20 '42

AMERICAN lighting equipment association

How public relations minded association staged comeback, J Markel il Ptr Ink 197:17-20 D 19 '41

AMERICAN locomotive company

American Locomotive, with orders for tanks, gun carriages, bombs and shells il Fortune 25 78-83+ F '42

Recapitalization expected H Lawrence Barron's 22 20 O 19 '42

Year-end statement W C Dickerman Comm & Fin Chr 155 593 F 7 '42

AMERICAN management association

Annual production conference, New York, May 13-14 Am Mach 86 532m My 28 '42

Insurance division meeting, Cleveland Nat Underw 45 4+ D 11 '41

Insurance division meeting, New York, May 27-28 East Underw 43 30 Mv 29 '42, Nat Underw 46 4+ My 28 '42

AMERICAN marketing association

Proceedings of the Mid-year convention, Ann Arbor, June 12-13 E H Gault, ed 52p pa \$1 Univ of Michigan, School of business administration, Ann Arbor '42

AMERICAN meat institute

Science sells meat, Institute's campaign to tell of vitamins et al succeeds Business Week p63-4 D 13 '41

AMERICAN medical association

A M A cuts in, fight over which manufacturers may get scarce drugs Business Week p58 Ap 25 '42

Annual convention, Atlantic City Science 95 620-1 Je 19 '42

Anti-trust charges upheld against A.M.A. Comm & Fin Chr 156 111 Jl 9 '42

Awards for exhibits Science 95 642-3 Je 26 '42

Trust guilt confirmed on appeal Oil Paint & Drug Rep 141 3+ Je 22 '42

AMERICAN metal company, limited

Officers lose in court, accounting ordered. Comm & Fin Chr 155 1207 Mr 23 '42

AMERICAN mining congress

Annual meeting, 44th, Cleveland, Feb 6. Min Cong J 28 40-1+ Mr '42

Coal division annual meeting, Pittsburgh, Nov 21 Coal Age 46 124+ D '41, Min Cong J 27 50-3 D '41

Coal division, 1942 convention program outlined, subjects for papers, state chairmen. Min Cong J 27:48-9 D '41

Coal division 19th annual meeting, Cincinnati, April 27-28 Min Cong J 28 38-9+ My; 36-53 Je '42; Coal Age 47 51-8+ Je '42

Coal division 19th annual meeting; officers, committee members, program Min Cong J 28 36-44 Ap '42

Mining congress aids industry in war effort. J D Conover, il Min Cong J 28:42-5 Mr '42

Trade agreement negotiations with Mexico and Bolivia, Mining congress presents industry's position. J D. Conover, il Min Cong J 28 32-3+ Je '42

Western division

Metal mine war conference, Salt Lake City; program, officers' and speakers' portraits. Min Cong J 28:29-31 N '42

AMERICAN municipal association

Addresses delivered at the 18th annual conference, Chicago, Oct. 23-25, 1941, 154p The association, 1313 E. 60th st, Chicago '41

- AMERICAN museum of natural history**
Annual report, A. F. Osborn Science 95 558
My 29 '42
- Hall of North American mammals.** Science
95:348 Ap 3 '42
- New kodachrome slide series of the American museum of natural history.** Science
95:295 Mr 20 '42
- Resignation of Dr Roy Chapman Andrews as director** Science 94:482 N 21 '41
- Retirements and appointments** Science 96 78-9 JI 24 '42
- AMERICAN mutual life insurance company**
Charges Fischer ouster suit part of proxy fight Nat Underw (Life ed) 46 24 F 13 '42
Commissioners defend Iowa department head in connection with American Mutual, East Underw 42 9 D 5 '41
Seek Fischer ouster in American Mutual case Nat Underw (Life ed) 45 3+ N 21 '41
- AMERICAN mutual reinsurance company**
Mutual reinsurance company in campaign; first annual meeting East Underw 43 24 Ap 10 '42
Ringquist president of American Mutual Reinsurance, other officers Weekly Underw 145 1065 N 8 '41
- AMERICAN oil chemists society**
Fall meeting, 16th, Chicago, Oct 8-9 Soap & San Chem 18 41+ N '42
- AMERICAN optical company**
American optical company, Southbridge, Mass. 11 Am Cer Soc Bul 21 180-6 S 15 '42
Trust suit suspended Comm & Fin Chr 156 1571 N 2 '42
- AMERICAN paper and pulp association**
Annual meeting, 65th, New York, Feb 15-20
Paper Tr J 114 80+ F 19 '42, Paper Ind 23 1218+ Mr '42
- AMERICAN petroleum industries committee**
A P I C is ten years old pois Nat Pet N 34 32-3 S 9 '42
- AMERICAN petroleum institute**
Eastern district of Production division annual meeting, Pittsburgh, April 9-10 Oil & Gas J 40 14, 31, 50, 83 Ap 16 '42
Mid-continent district of Production division, meeting, Tulsa Oil & Gas J 40:12-14, 36 Ap 2 '42
Officers and directors, general committees, 1942 Am Pet Inst Proc 22(1):118-23 '41
Pacific Coast district of Production division, meeting, Los Angeles Oil & Gas J 40 24+ Mr 19 '42
Southwestern district of Production division, spring meeting, Dallas, Feb 26-27. Oil & Gas J 40 12-13, 47 Mr 5 '42
- AMERICAN pharmaceutical association**
Annual meeting, 90th, Denver, Aug 16-21
Oil Paint & Drug Rep 142 7+ Ag 31 '42
- AMERICAN pharmaceutical manufacturers association**
Annual meeting, 34th, Hot Springs, Va June 8-11 Oil Paint & Drug Rep 141 55-61 Je 15, 3+ Je 22 '42
Midyear meeting Oil Paint & Drug Rep 140: 7, 36+ D 15 '41
- AMERICAN philosophical society**
Astronomy during the early years of the American philosophical society S A. Mitchell Science 95:489-95 My 15 '42
Autumn general meeting, Philadelphia, Nov. 21-22 Science 94 547-53 D 12 '41
Midwinter meeting; program Science 95:39 Ja 9 '42
Officers, resident and foreign members elected Science 95:525 My 22 '42
- Library**
- Use of microfilms in the library of the American philosophical society, G. T. Garver, Jr. Special Lib 33:76-8 Mr '42
- AMERICAN physical society**
Proceedings of the American physical society, Chicago, Nov 21-22; abstracts of papers Phys R 61:101-8 Ja 1 '42
Proceedings of the American physical society meeting at State College, Pennsylvania, June 26-27, and at Berkeley, Calif July 11, 1942; abstracts of papers Phys R 62 294-306 S 1 '42
- Proceedings, 245th regular meeting, Stanford University, Dec 19; abstracts of papers Phys R 61 202-6 F 1 '42
- AMERICAN potash and chemical corporation**
Expansion of the Trona enterprise, G. R. Robertson bibliog 11 Ind & Eng Chem 34: 133-7 F '42
Stock ownership explained Oil Paint & Drug Rep 142 4 N 9 '42
Stock vested as alien-held Oil Paint & Drug Rep 142 3 N 2 '42
- AMERICAN power and light company**
Annual report Comm & Fin Chr 156 246-7 JI 20 '42
Electric bond & share co units ordered dissolved, SEC moves against American power and light co and the Electric power & light corp Comm & Fin Chr 156 780 Ag 31 '42
Not to oppose SEC dissolution order Comm & Fin Chr 156 862 S 7 '42
Offers amendment for protection of officers in special cases involving suits or claims. Comm & Fin Chr 155:497 Ja 31 '42
- AMERICAN public health association**
Annual meeting, St Louis, Oct 24-29 Eng N 129 614-15 N 5 '42
- AMERICAN public power association**
Public power advocates organize association; super-service company and trade association projected for municipal plants and REA cooperatives Elec W 116 2051 D 27 '41
- AMERICAN public works association**
Annual meeting 48th, Cleveland Eng N 129 603 O 29 '42
Annual meeting, New Orleans, Oct 26-29. Eng N 127 631-2, 743-5 N 6, 20 '41
- AMERICAN pulp and paper mill superintendents association**
Annual meeting, 23d, Grand Rapids, June 16-18 Paper Tr J 114 35-8+ Je 25 '42, Paper Ind 24 376+ JI '42
- AMERICAN radiator and standard sanitary corporation**
Consolidated income account, 1938-1941 Comm & Fin Chr 155:1207+ Mr 23 '42
- AMERICAN railway bridge and building association**
Annual meeting, 49th, Chicago, Oct 20-22 Ry Age 113 686-9, 733-7 O 31-N 7 '42
- AMERICAN railway engineering association**
Annual meeting, 43d, Chicago, March 17-19. Ry Age 112:588-614+ Mr 21 '42; Eng N 128: 462-3 Mr 26 '42
Engineers put war needs first, American railway engineering association adopts emergency provisions of specifications 11 Ry Age 112 1230-4 Je 27 '42
- AMERICAN Red cross.** See Red cross
- AMERICAN republics**
Third meeting of ministers of foreign affairs of the American republics Int Labour R 45 416-20 Ap '42
- AMERICAN road builders association**
Annual meeting, Memphis, March 2-5 Eng N 128 390-3 Mr 12 '42
- AMERICAN rolling mill company**
Behind latest earnings reports H Lawrence, Barron's 22 13 N 2 '42
Consolidated income account, 1939-1941, Comm & Fin Chr 155:1402 Ap 6 '42
- AMERICAN safety razor corporation**
Low-priced stocks for large percentage gains; with high and low figures, 1929-1942 Mag of Wall St 70 591 S 19 '42
- AMERICAN savings and loan institute**
Webb heads Institute; other officers. Comm & Fin Chr 155:1055 Mr 12 '42
- AMERICAN savings life insurance company**
American Savings Life control goes to T P Beasley Nat Underw (Life ed) 45:1+ D 5 '41
Duboc offers to buy control of American Savings Life Nat Underw (Life ed) 45:9 N 21 '41
- AMERICAN smelting and refining company**
Appeals court upholds company in decision on tax claim Comm & Fin Chr 156:1203 O 5 '42

- AMERICAN smelting and refining company—**
Continued
 Report for 1941. Comm & Fin Chr 155:1401-2 Ap 6 '42
- AMERICAN snuff company**
 Another look. Il Mag of Wall St 70 343; 71:36 J1 11, O 17 '42
- AMERICAN soapmakers association**
 Meeting, 1st, Chicago Soap & San Chem 18 45 N '42
- AMERICAN society for metals**
 American society for metals, and the War products advisory committee aid small plant operators; types of requests listed. Iron Age 149:58-9 My 28 '42
 Annual meeting, 23d, Philadelphia, Oct 20-24; technical program and reports of officers, etc Am Soc for Metals Trans 29:1037-71 D '41
 Congress, 24th, Cleveland Iron Age 150:37-41 O 22 '42
- AMERICAN society for testing materials**
 ASTM takes action on standards for 1941; committee meetings Ind Stand 12:271-5 O '41
 Annual meeting, 45th, Atlantic City, June 22-26. Iron Age 150:59-63 J1 9 '42; Ry Age 113:9-12 J1 4 '42, Eng N 129:4-6 J1 2 '42; Foundry 70:63+ Ag '42; Heating-Piping 14: 483 Ag '42; Metals & Alloys 16:83-4+ J1 '42
 Committee meetings, Cleveland, March 2-6. Eng N 128:448 Mr 19 '42
 60 oil company technologists active in committee D-2 work on petroleum products and lubricants. Nat Pet N 34 pt2:R219 J1 29 '42
 Standards. Science 95:473-4 My 8 '42
- AMERICAN society for the prevention of cruelty to animals**
 Angel in top hat. Z Steele 319p bibilog(p303-9) \$3 50 Harper '42
- AMERICAN society for X ray and electron diffraction**
 American society for X-ray and electron diffraction becomes Associated society of the Institute of physics J Ap Phys 13:141 Mr '42
- AMERICAN society of bakery engineers**
 Annual meeting, 19th, Chicago, March 9-12. Food Ind 14:69 Ap '42
- AMERICAN society of civil engineers**
 Annual convention, 72d, Minneapolis. Eng N 129:144-6 J1 30 '42
 Annual meeting, New York, Jan. 21-23. Eng N 128:168-71 Ja 29 '42
 Extracts from annual report of the Board of direction for 1941. Civil Eng 12:108-9 F '42
 Honorary membership awarded to five engineers. Civil Eng 12:52-6 Ja '42
 Joint meeting with Engineering Institute of Canada, Niagara Falls, Ont. Oct. 13-15. Civil Eng 12:630-2 N '42; Eng N 129:536-8 O 22 '42
 Launching the Society, 1852; as viewed from the ninetieth anniversary, November 1942; chronological list of important events; scroll from British society; other historical data. Il Civil Eng 12:629-30, 633-7, sup9 N '42
 Marks ninetieth year of organization. Eng N 129:616 N 5 '42
 Membership of society committees; distribution of committee personnel by states and by employment C. W. Okey. Civil Eng 12:519 S '42
 Progress of Society's hydraulic research. J. C. Stevens. Il Civil Eng 12:113-14 F '42
 Society prizes and medals to be awarded; portraits and sketches. Civil Eng 12:49-52 Ja '42
 Society's contribution to the war effort. E. B. Black. Civil Eng 12:507-8 S '42
 Spring meeting, Roanoke, April 22-23. Eng N 128:742-3, 746-7 Ap 30 '42
 Statistical data compiled from 1942 reports of student chapters; tabulation. Civil Eng 12:649-50 N '42
- AMERICAN society of heating and ventilating engineers**
 ASHVE in the war. S. H. Downs. Heating-Piping 14:251+ Ap '42
- A.S.H.V.E sets Aug. 17-22 as War on fuel waste week Il Dom Eng 160:30-1+ Ag '42
 Annual meeting, 48th, Philadelphia, Jan. 26-28 Heat & Ven 39:68-4+ F '42; Heating-Piping 14:146-8, 191-207, 262-72 F-Ap '42; Dom Eng 159:68, 70 F '42
 Semi-annual meeting, St Paul, June 15-17. Heating-Piping 14 515-21 Ag '42; Dom Eng 160:53 J1 '42
- AMERICAN society of international law**
 Proceedings at its thirty-sixth annual meeting held at Washington, D.C., April 25, 1942 107p The society, 700 Jackson pl, NW, Washington, D.C. '42
- AMERICAN society of mammalogists**
 Annual meeting; officers. Science 95:427-8 Ap 24 '42
- AMERICAN society of mechanical engineers**
 Aims and objectives H. H. Snelling Mech Eng 64 373-6 My '42
 Annual meeting, New York. Metals & Alloys 15:116+ Ja '42
 Annual meeting, 62d, New York, Dec. 1-5. Mech Eng 64 51-71 Ja '42
 Annual meeting, 62d, New York, Dec 1-5 Power Pl Eng 46:80-3 Ja '42
 Annual meeting, 62d, New York; abstracts of power plant papers. diags Power 85:973-82 Mid-D '41
 Awards Science 94:535-6 D 5 '41
 Council reports for 1941; Finance committee report, 1940-1941. Mech Eng 64 40-50 Ja '42
 Fall meeting, Rochester, Oct. 12-14 Mech Eng 64:814-15 N '42; Am Mach 86 1254 l O 29 '42
 Honorary memberships; officers Science 94: 556 D 12 '41
 Power man heads ASME; James W. Parker; other officers pors Power 85:971-2 Mid-D '41
 Semi-annual meeting, Cleveland, June 8-10. Mech Eng 64:567-8 J1 '42
 Semi-annual meeting, Cleveland, June 8-10. Il Steel 110:56-9 Je 15 '42; Iron Age 149. 98-100 Je 18 '42
 Semi-annual meeting, Cleveland, June 8-10; abstracts of papers. Oil & Gas J 41 31 Je 18 '42
 Semi-annual meeting, Cleveland, June 8-10; power plant discussion. Power Pl Eng 46: 90-1 J1 '42
 Semi-annual meeting, Cleveland, June 8-10; railroad sessions Ry Mech Eng 116:287-302 J1 '42
 Spring meeting, Houston, Texas, March 23-25 Mech Eng 64:410-12 My '42
- AMERICAN society of naturalists**
 Officers and members elected. Science 95: 297 Mr 20 '42
- AMERICAN society of refrigerating engineers**
 A.S.R.E. standards procedure. Refrig Eng 44:200A-200B S '42
 Constitution and by-laws; revised by constitution committee and approved by membership, May, 1942. Refrig Eng 44 insert 1-8 Ag '42
 Headquarters now at 50 West 40th, New York city Il Refrig Eng 43:103 F '42
 History of the Philadelphia section J. Con- tel pors Refrig Eng 44:303-4 N '42
 Spring meeting, Skytop, Pa. June 7-9 Refrig Eng 44 38-9+ J1 '42
- AMERICAN society of tool engineers**
 Annual meeting, 10th, St Louis, March 26-28. Iron Age 149:68D, 69-72 Ap 2 '42; Steel 110: 69-70 Ap 6 '42
 War production conference, Springfield, Mass Oct 16-17 Iron Age 150:63-7 O 22 '42; Am Mach 86 1254n-1254o O 29 '42; Mach 49:211-12 N '42; Steel 111:67-8 N 2 '42
- AMERICAN society of tropical medicine**
 Annual meeting, 37th, St Louis, Nov. 10-13. Science 94:510-11 N 28 '41
- AMERICAN spice trade association**
 Annual convention, 36th, New York, May 11-13. Oil Paint & Drug Rep 141:7+ My 18 '42
- AMERICAN standards association**
 American standards association and the development of war standards. Science 96: 153-4 Ag 14 '42

AMERICAN standards association—Continued
ASA in the war effort. Ind Stand 13:167-8 Je '42

Annual meeting, New York, Dec. 10. Elec Eng 61:56-6 Ja '43

High-spots of ASA work for 1941. R. E. Zimmerman, Ind Stand 13:5-7 Ja '42

Officers for 1942. Ind Stand 13:4 Ja '42

69 new standards, 15 new projects mark most active year for ASA. R. P. Anderson Ind Stand 13:7-10 Ja '42

Standards association to aid in pegging price to quality of product. Steel 111:55 Ag 10 '42

Standards association to aid in pegging price to quality of product. Steel 111:55 Ag 10 '42

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 Bridge improvements, Oklahoma, unit prices. Eng N 129 320 Ag 27 '42
 Bridge, Maryland, unit prices Eng N 128: 755 Ap 30 '42
 Bridge, North Carolina, unit prices Eng N 129 186 J1 30 '42
 Cloverleaf bridge and highway, Maryland; unit prices. Eng N 129 246 Ag 13 '42
 Contract unit bid prices, list of projects showing how contractors bid in 1941-1942. Eng N 128 226-36 Ap 23 '42
 Highway and bridge, Colorado, unit prices. Eng N 128 162 Ja 22 '42
 Highway and bridge, Mississippi, unit prices. Eng N 129 248 Ag 13 '42
 Highway and bridges, Pennsylvania, unit prices Eng N 129 508 O 8 '42
 Highway bridges, Maryland, unit prices. Eng N 129 658 N 5 '42
 Spokane Street viaduct, Seattle, Washington; unit prices Eng N 128 228 F 5 '42
 Willamette River bridge, Oregon, unit prices. Eng N 129 318 Ag 27 '42

Damage from floods, etc.

Repairing damage from May 1942 flood in Pennsylvania J L Herber il map Civil Eng 12 620-3 N '42

Erection

Bridge on Chesapeake and Delaware canal il diag Engineer 174 332-4 O 23 '42
 Closure operations on the double-deck Pit River bridge il Eng N 127 764 N 27 '41
 How St Georges tied arch was erected W. H. Bruce and C. U. Kring il diag Eng N 128-26-8 Ja 1 '42
 Marshall Ford spillway bridge preassembled and pulled into position J E Walters, il Eng N 127:840-1 D 11 '41
 Niagara's Rainbow bridge, R. G. Skerrett, il Comp Air M 46 6584-6 N '41
 Rainbow bridge, Niagara Falls, il diags Engineer 172:377-9 N 28 '41
 Rainbow bridge over the Niagara gorge il diags plan Engineering 153:120-4, 130, 161-3, 164, 170 F 13, 27 '42
 Spanning the Mississippi at Chester, Ill. il Eng N 128:446 Mr 19 '42
 Steel bents are different in these temporary bridges; method of interlocking cap beams with H-section piles in falsework at subway job il diags Ry Age 113:136-8+ J1 25 '42

See also

Bridges—Reconstruction
 Bridges—Welding operations

Floors

Attention turned to timber bridges by priorities on structural steel; composite timber-concrete decks W. C. Hopkins, il diags Eng N 128-281-4 F 12 '42
 Bridge widths and bridge floor materials; data reported by 683 counties showing standard practices in county road systems, il Pub Works 73:35-8 Ja '42
 Canvas cover permits wet weather paving on concrete deck of Pit River bridge, il Eng N 128-223 F 5 '42

BRIDGES—Floors—Continued

- Crescoted black gum bridge floors. Pub Works 72:30 N '41
- Lumber for bridge work in Sedgwick county, Kansas; abstract. Pub Works 73:18 Mr '42
- Sealed wood deck construction. *il* Roads & Sts 85:41 Je '42
- Strengthening our highway bridges; integrating a concrete roadway slab with the steel floor system E. L. Pavlo *il* diags Eng N 128:339-42 F 26 '42
- This C.N.R. bridge designed to economize in steel; deck of Dorval, Que. bridge largely of reinforced concrete. *il* diag Ry Age 112:691-2-4 Ap 4 '42
- Wolmanized lumber on new Neches River bridge. *il* Ry Age 112:552 Mr 14 '42

Foundations and piers

- Analysis of soil bearing test for highway bridge construction. S. M. May. diags Roads & Sts 84:34-5 N '41
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- Bridge piers encased against scour. H. L. Broadfoot and W. A. Chalkley. *il* diags Eng N 128:562-4 Ap 9 '42
- C.N.R. practice in using steel H-piles for bridge piers J. F. Salmon. *il* diags Roads & Bridges 80:21-6+ Ag '42
- Concrete rockers for Hawaiian bridges. R. C. Brinker. *il* diags Eng N 128:421-2 Mr 12 '42
- Design and construction of North State Street bridge, Chicago. *il* diags Civil Eng 12 140-2 Mr '42
- Gain high speed in concreting operations on piers of new Hartford bridge I. Shapiro. *il* Concrete 49 2-3 D '41
- Highway crossing, Morganza floodway, Louisiana N. E. Lant *il* Roads & Sts 85 30-1 Ag '42
- Kentucky builds a high bridge across the Kentucky river at Cleveland, Ky. E. D. Smith *il* diags map Eng N 129:25-7 Jl 2 '42
- Sand fill reduces weight of bridge pier *il* diags Eng N 129 296-8 Ag 27 '42
- Timber friction pile foundations F. M. Masters *il* diags Am Soc C E Proc 67:1657-82 N '41
- Underground water supply complicates bridge pier construction, Peoria, Ill. W. H. Townsend. *il* diags map Eng N 128 495-7 Mr 26 '42
- Welded steel fender pier; Nickel Plate Railroad bridge at Lorain, Ohio G. H. Tinker *il* diag Eng N 128:616-17 Ap 23 '42
- Welding of 2-inch square reinforcing bars for piers of Pit River bridge R. Sailer *il* diags Am Concrete Inst J 14 53-8 S '42
- Widening a steel and concrete bridge *il* diags Eng N 128:254-6 F 12 '42
- See also*
- Cofferdams

Law

- President asks change re private claims, bridge authorizations. Comm & Fin Chr 155:352 Ja 22 '42

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- Bridge lighting to prevent sabotage *il* Ry Age 112:547 Mr 14 '42
- Street lighting in Lorain follows progressive plan. E. J. Burger *il* plan Elec W 116:1710-11+ N 29 '41

Load

- Moments in I-beam bridges N. M. Newmark and C. P. Siess. *il* U Eng Exp Sta Bul 336:1-145 '42 (pa \$1)
- Suspension bridge tower cantilever problem B. Birdsall. diags Am Soc C E Proc 67: 517-32 Ap '41; Discussion 68:305-10 F '42

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- Dislocated bascule rocked into position; use of hydraulic and asphalt jacks S. J. Michuda. *il* diags Eng N 128:557-9 Ap 9 '42

- English bridges repaired with pre-cast concrete Eng N 129:228 Ag 18 '42

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- Bridge piers encased against scour. H. L. Broadfoot and W. A. Chalkley. *il* diags Eng N 128:562-4 Ap 9 '42
- Protecting the bridges on the Queen Elizabeth way, blast-plate protection against locomotive stack blasts and gases. A. Sedgwick *il* diag Roads & Bridges 80:28-30 Ja '42
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Reconstruction

- Hidalgo-Reynosa bridge rebuilt J. W. Beretta. *il* diag Eng N 127:890-1 D 18 '41
- Highway bridge jacked up to new position *il* Eng N 128:895 Je 4 '42
- Major bridge replacement under traffic A. B. Cohen *il* diags Eng N 128 926-9 Je 4 '42
- Rebuilding a suspension bridge; structure at Des Arc, Ark provided with new anchorages, cable ends, hangers, and floor system. J. Strom *il* Civil Eng 12:203-5 Ap '42
- South western avenue bridge alterations, Chicago; unit prices Eng N 129 658 N 5 '42
- Strengthening our highway bridges, integrating a concrete roadway slab with the steel floor system. E. L. Pavlo. *il* diags Eng N 128:339-42 F 26 '42
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- See also* Bridges, Railroad—Reconstruction

Records

- Bridge records in Mercer county, New Jersey. H. F. Harris and L. R. Schureman *il* diags Pub Works 72 11-13 D '41

Stresses*See also*

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- Bridge behavior recorded electrically, installation on Golden Gate structure, wind direction and velocity are measured *il* Elec West 89 48 Ag '42
- Weighing reactions of Rainbow bridge, Niagara Falls J. Jones diags Civil Eng 11 730-1 D '41

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- Aerodynamic forces on suspension bridges; their effect in producing oscillations; report on failure of Tacoma Narrows bridge. *il* diags Can Eng R & B 79 24-5+ D '41

Welding operations

- Bridge welding; structures on main line of Florida east coast railway company. T. H. Gardner. *il* Welding J 21:43-6 Ja '42
- Design of a welded bridge G. T. Horton *il* diags Welding J 20:837-40 D '41; Discussion 21:185-6 Mr '42
- Design of welded steelwork in Bridgewater bridge, Tasmania D. V. Isaacs. *il* diags Welding J 21 601-8 S '42
- Distortion and shrinkage problems in ships and other large structures L. Grover. *il* diags Welding J 21 665-75, 776-81 O-N '42
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- Welding of 2-inch square reinforcing bars for piers of Pit River bridge R. Sailer *il* diags Am Concrete Inst J 14 53-8 S '42

BRIDGES—Continued**Widening**

Widening a steel and concrete bridge. *il* diags Eng N 128:254-6 F 12 '42

Width

Bridge widths and bridge floor materials, data reported by 683 counties showing standard practices in county road systems. *il* Pub Works 73 35-8 Ja '42

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Bridge records in Mercer county H F. Harris and L R Schureman *il* diags Pub Works 72.11-13 D '41

Norway

Brückenbauten deutscher eisenbahnpioniere in Norwegen. W Stoy *il* diags V D I 85 349-56 Ap 12 '41, Abstract (How German military engineers rebuilt Norwegian bridges). Eng N 127:874 D 18 '41

Salvador

New link in Pan American highway, Lempa River bridge *il* For Comm W 87+ JI 18 '42

BRIDGES, Arched

Bridge on Chesapeake and Delaware canal *il* diags Engineer 174 314-16, 332-4 O 16-23 '42
Design of St Georges tied arch span J M Garretts *il* diags Am Soc C E Proc 67 1801-12 D '41, Discussion 68 341-2, 593-5, 845-53, 1054-6, 1168-70, 1411-12, 1617-18 F, Ap-Je, S-N '42

Falsework for arches set on drum gates, highway bridge across Grand Coulee Dam spillway. *il* diag Eng N 128:552-3 Ap 9 '42
Famous concrete bridge has no reinforcement in arches and spandrels, Walnut Lane bridge, Philadelphia *il* Concrete 50.4 JI '42
Highway arch bridge of plain concrete is wholly without steel diags Concrete 50:5-6 Ag '42

How St Georges tied arch was erected W H Bruce and C U Kring. *il* diag Eng N 128. 26-8 Ja 1 '42

Niagara's Rainbow bridge R G Skerrett. *il* Comp Air M 46 6584-6 N '41
Rainbow bridge, Niagara Falls *il* diags Engineer 172 349-51, 377-9 N 21-28 '41

Rainbow bridge over the Niagara gorge *il* diags plan Engineering 153 120-4, 130, 161-3, 164, 170 F 13, 27 '42

Tie dominates rib in St Georges arch. M N. Quade *il* diags Eng N 128.22-6 Ja 1 '42

BRIDGES, Bascule

Design and construction of North State Street bridge, Chicago. *il* diags Civil Eng 12:140-2 Mr '42

Dislocated bascule rocked into position; use of hydraulic and asphalt jacks. S J Michuda *il* diags Eng N 128 557-9 Ap 9 '42

BRIDGES, Cantilever

Cantilever girders preferred C H Wood. *il* diag Eng N 129 235 Ag 13 '42

Unusual railway cantilever bridge. J A. Wineland *il* diags Eng N 127.718-21 N 20 '41

BRIDGES, Concrete

Alabama improves road into Birmingham. *il* map Eng N 129 190-1 Ag 6 '42

Building standardized bridges for a county. J F. Mollenkopf *il* diag Pub Works 73 25-7 JI '42

C N R uses new method of repairing concrete and masonry structures E J Napier *il* Roads & Bridges 80 25-7-4 S '42

Concrete bridges over new traffic artery untangle congestion in Detroit. *il* Concrete 50.2-3- JI '42

Concrete trestle-bridge construction on the Missouri Pacific railroad R P Hart *il* diags Engineering 154 161-3, 170, 201-2, 203, 210 Ag 28, S 11 '42

Contractor invades territory of general mud, grade separation project in Arizona. P F Glendenning. *il* Roads & Sts 85 25-30 Ap '42
Design procedure for continuous hollow-girder concrete bridges. *il* diag Roads & Bridges 80:30-1+ F '42

Falsework for arches set on drum gates; highway bridge across Grand Coulee Dam spillway *il* diag Eng N 128:552-3 Ap 9 '42
Famous concrete bridge has no reinforcement in arches and spandrels; Walnut Lane bridge, Philadelphia *il* Concrete 50.4 JI '42
Highway arch bridge of plain concrete is wholly without steel. diags Concrete 50:5-6 Ag '42

Highway crossing, Morganza floodway, Louisiana N. E. Lant *il* Roads & Sts 85 30-4 Ag '42

Major bridge replacement under traffic A. B. Cohen *il* diags Eng N 128:926-9 Je 4 '42

Michigan builds grade-separation projects of tri-level type *il* Concrete 50 4-5 O '42

Ohio changes girder-type bridge designs from steel to reinforced concrete W. S. Hindman *il* diags Concrete 50:2-3 O '42

Open new bridge over Colorado river. *il* Eng N 129.401 S 24 '42

Saving critical materials in bridge and highway construction S Mitchell. diags Roads & Sts 85 32-7 Ap '42

Waterloo bridge *il* plan Engineer 174:55-7 JI 17 '42

Cost

Bridge, Georgia, unit prices. Eng N 129:508 O 8 '42

Bridge, Kentucky; unit prices Eng N 129. 508 O 8 '42

Bridge, West Virginia; unit prices Eng N 128 938 Je 4 '42

Bridges, Texas; unit prices Eng N 128 940 Je 4 '42

Grade separation, Washington, D C; unit prices Eng N 128.508 Mr 26 '42

Highways and bridges, Oklahoma; unit prices. Eng N 129 448 S 24 '42

BRIDGES, Iron and steel

America's most beautiful bridges of steel construction, as selected by A.I.S.C. jury. *il* Roads & Bridges 80.20+ JI '42

Highway bridge completed at Chester, Ill. *il* Eng N 129 391 S 17 '42

Prize winners in steel bridge competition. *il* Eng N 128 816-17 My 14 '42

Prizes for bridges announced by American institute of steel construction *il* Arch Rec 91:14 Je '42

Steel bridge design to conserve material. S. Hardesty *il* Civil Eng 12 431-4 Ag '42; Same Roads & Bridges 80 27-8, 42, 44+ N '42

See also

Bridges, Railroad

BRIDGES, Lift

Design of welded steelwork in Bridgewater bridge, Tasmania D V. Isaacs, *il* diags Welding J 21 601-8 S '42

Tanker wrecks lift bridge over Chesapeake and Delaware canal *il* Eng N 129:197 Ag 6 '42

BRIDGES, Movable

Studies made to convert Chicago's fixed bridges. Eng N 128 896 Je 4 '42

See also

Bridges, Bascule

Bridges, Swing

Electric equipment

Bridge joins continents at Panama canal. *il* Eng N 128:348-9 F 26 '42

BRIDGES, Pontoon

Army engineers build floating bridges to supplement capital communications. *il* Eng N 129.68 JI 9 '42

Army's rubber floats save truck space. *il* diags Product Eng 13.624-5 N '42

BRIDGES, Portable

Army's rubber floats save truck space *il* diags Product Eng 13 624-5 N '42

British bridges assembled from five standard parts; developed by Butterley co. *il* Eng N 128 148 Ja 22 '42

Emergency traveling bridge used in England. Eng N 128 40 Ja 1 '42

BRIDGES, Railroad

- Attractive structures feature this grade separation; Aqueduct, Queens county, Long Island. *il plans Ry Age 111:995-8 D 13 '41*
- Bridge piers encased against scour. H. L. Broadfoot and W. A. Chalkley. *il diags Eng N 128:562-4 Ap 9 '42*
- Bridge welding, structures on main line of Florida east coast railway company. T. H. Gardner. *il Welding J 21:43-6 Ja '42*
- C.N.R. practice in using steel H-piles for bridge piers J. F. Salmon *il diags Roads & Bridges 80 21-6+ Ag '42*
- Canadian national railways saves steel for war use on large grade-separation span. E. Eriksen. *il diags Roads & Bridges 80: 19-23+ Ja '42*
- C.N.R. uses new method of repairing concrete and masonry structures. E. J. Napier *il Roads & Bridges 80:25-7+ S '42*
- Concrete trestle-bridge construction on the Missouri Pacific railroad R. P. Hart. *il diags Engineering 154:161-3, 170, 201-2, 203, 210 Ag 28, S 11 '42*
- Conservation of materials is essential, abstract. R. P. Hart *Ry Age 113 735 N 7 '42*
- Dunkirk grade separation project has interesting features *il plan Ry Age 113 445-8 S 19 '42*
- Emergency traveling bridge used in England *Eng N 128.40 Ja 1 '42*
- Lackawanna raises tracks above streets in Syracuse, N.Y., project includes new station *il map Ry Age 112 896-900+, 902 My 9 '42*
- Outlook for materials for bridges and buildings D. P. Beach *il Ry Age 113.690-1 O 31 '42*
- Railroad underpass aids St Louis traffic W. J. Hedley. *il diags Eng N 129 290-2 Ag 27 '42*
- Railway diversion and Pit River bridge, California *il Engineer 173 371-4 My 1 '42*
- Railways and air raids *il diags Engineer 173 174-7, 196-7+, 220-2, 244-6, 247, 270-3 F 27-Mr 27 '42*
- Steel bents are different in these temporary bridges, method of interlocking cap beams with H-section piles in falsework at subway job *il diags Ry Age 113:136-8+ JI 25 '42*
- This C.N.R. bridge designed to economize in steel, deck of Dorval, Que. bridge largely of reinforced concrete. *il diag Ry Age 112:691-2+ Ap 4 '42*
- Unusual railway cantilever bridge J. A. Wineland *il diags Eng N 127:718-21 N 20 '41*
- See also*
Roads—Track elevation

Reconstruction

- Drives 65-ft. concrete piles weighing 14½ tons; pile-trestle approaches; bridge-renewal job on the Norfolk & Western. *il diags Ry Age 113:412-14 S 12 '42*
- New Haven renews 15 bridges on mass-production basis. *il diag Ry Age 113:600-3 O 17 '42*
- Welded steel fender pier: Nickel Plate Railroad bridge at Lorain, Ohio G. H. Tinker. *il diag Eng N 128 616-17 Ap 23 '42*

Testing

- Can locomotive hammer-blow be abolished? effect on bridges H. N. Colam and J. D. Watson. *Engineering 153:136-8 F 13 '42*; Same cond. *Inst Mech Eng J & Proc 146: Proc 165-6 F '42*
- Special A.R.E.A. report on impact. *Ry Age 112:613 Mr 21 '42*

BRIDGES, Stone

- Stone arch falls under modern traffic. *il Eng N 128:984 Je 18 '42*

BRIDGES, Suspension

- Aerodynamic forces on suspension bridges; their effect in producing oscillations; report on failure of Tacoma Narrows bridge. *il diags Can Eng R & B 79:24-5+ D '41*
- Civil engineering in 1941. *il diags Engineer 173:4 Ja 2 '42*

- Golden Gate bridge movements being reported for study. *il Eng N 128:867 My 21 '42*
- Hidalgo-Reynosa bridge rebuilt. J. W. Beretta. *il diag Eng N 127:890-1 D 18 '41*
- New link in Pan American highway; Lempa River bridge. *il For Comm W 8:7+ JI 18 '42*

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- Rebuilding a suspension bridge; structure at Des Arc, Ark provided with new anchorages, cable ends, hangers, and floor system J. Strom. *il Civil Eng 12 203-5 Ap '42*
- Restrained cable bridge C. A. P. Turner. *diag Eng N 128:533 Ap 9 '42*; Discussion. *128:838-9 My 21 '42*

- Side spans of suspension bridges under static lateral forces L. Balog *Civil Eng 12 237-5 My '42*

- Suspension bridge tower cantilever problem. B. Birdsall. *diags Am Soc C E Proc 67: 517-32 Ap '41*, Discussion 67:1848; 68:305-10 S '41, F '42

Anchorage

- Phillip Island suspension bridge M. G. Dempster *il diags Engineer 173 533-4 Je 26 '42*

BRIDGES, Swing

- Bridge joins continents at Panama canal. *il Eng N 128 348-9 F 26 '42*
- Welded steel fender pier. Nickel Plate Railroad bridge at Lorain, Ohio G. H. Tinker. *il diag Eng N 128 616-17 Ap 23 '42*

BRIDGES, Temporary

- Steel bents are different in these temporary bridges, method of interlocking cap beams with H-section piles in falsework at subway job *il diags Ry Age 113 136-8+ JI 25 '42*

BRIDGES, Wooden

- All-timber overpass at Fort Lewis, Washington *il Pub Works 73 66-7 Je '42*
- Attention turned to timber bridges by priorities on structural steel W. C. Hopkins. *il diags Eng N 128:279-84 F 12 '42*
- Reconstruction of bridge by German forces. *Pub Works 73 32 JI '42*
- Scientific use of wood in structures *il diags Pub Works 73 25-6 My '42*
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- High yield stocks with first call on earnings. G. Gordon *Mag of Wall St 70:360 JI 11 '42*
- War earnings H. Lawrence Barron's 22:20 Ap 13 '42

BRIGHAM, Elbert Sidney, 1877-

- National life of Vermont resident C. Axman. *por East Underw 42:8+ D 12 '41*

BRIGHT electroplating. See Electroplating**BRIGHTNESS**

- Ability to see low contrasts at night M. Luckiesh and F. K. Moss. *il J Aeronautical Sci 9 261-3 My '42*
- Brightness and brightness meters A. H. Taylor. *bibliog il Illum Eng 37:19-30 Ja '42*; Correction 37:425 JI '42
- Brightness control; school lighting, natural and artificial. *il diag plan Elec West 88:63 Je '42*
- Brightness rating of metal surfaces measured by reflected light A. M. Suggs *diag Product Eng 13.253 My '42*
- Brightness scale of exterior scenes and the computation of correct photographic exposure L. A. Jones and H. R. Condit. *il diags Opt Soc Am J 31:651-78 N '41*

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- Comfortable lighting. W. Harrison and M. Luckiesh bibliog il diag Illum Eng 36: 1109-24; Discussion 1125-8 D '41
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- Density of oil-field liquids. G M Stearns Oil & Gas J 40 237 Mr 26 '42
- Durability of cements in contact with brines and chemical solutions. H H Miller il Pet Eng 13 50, 52, 54 Ag '42
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- Scale removed from pipe by simple treatment, use of sodium hexametaphosphate and alkaline quebracho tannin, line carrying salt water for disposal. H F Simons. diag Oil & Gas J 40:29-30 Ap 16 '42
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- Cupola practice with briquettes. W A Hambley and K Geist il Iron Age 150 39-42 Ag 27, 60-3 S 3 '42

BRIQUETTING

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- Experiences with calgon treatment at Bristol. I L Newell Water Works & Sewerage 89 269-70 Je '42

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Credit managers	Profit
Delivery of goods	Purchasing
Department stores—Management	Retail trade—Store management
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| —Apparatus and supplies | Mixers |
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Gas industry

Glass
Metallurgy
Oil industries
Paint industry and
trade
Paper
Paper chemicals
Paper industry and
trade
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Rubber
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trade
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Base exchanging compounds	Mannich reaction
Bromination	Menschutkin reaction
Cannizzaro reaction	Metalation
Catalysis	Methylation
Catalysts	Molecular compounds
Chemical equilibrium	Nascent state
Chlorination	Nitration
Condensation, Chemical	Oxidation
Dehydration	Photochemistry
Dehydrogenation	Polymerization
Electrolysis	Precipitation
Explosions	Reduction, Chemical
Friedel-Crafts reaction	Sandmeyer reaction
Grignard reagents	Schmidt reaction
Haloform reaction	Substitution (chemistry)
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Luminol
Nessler's reagent
Oppenauer reagent

Phenylhydrazine
Potassium iodide
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See also

- | | |
|---------------------------|-------------------------|
| Acids | Halogens |
| Air | Hydrolysis |
| Alkalies | Ions |
| Atomic weights | Liquids |
| Atoms | Metallurgy |
| Bases (chemistry) | Metals |
| Biological chemistry | Mineralogy |
| Botanical chemistry | Molecules |
| Catalysis | Oxidation |
| Chemical reaction | Photochemistry |
| Chemicals | Photographic chemistry |
| Chemists | Physiological chemistry |
| Colloids | Poisons, Industrial |
| Color | Radioactive substances |
| Combustion | Reduction, Chemical |
| Condensation, Chemical | Rubber—Chemistry |
| Crystallization | Salt |
| Crystallography | Salts |
| Dissociation | Solids |
| Dyes and dyeing—Chemistry | Solution (chemistry) |
| Electrochemistry | Solvents |
| Electrolysis | Spectrum |
| Electrolytes | Stereochemistry |
| Electrons | Synthesis |
| Evaporation | Textile chemistry |
| Explosives | Thermochemistry |
| Fermentation | Waxes |
| Gases | |
| Geochemistry | |

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- See also*
- | | |
|----------------------------|--|
| Chromatographic analysis | Mineralogical analysis |
| Colorimetric analysis | Oil analysis |
| Dye analysis | Particle concentration analysis |
| Electrochemical analysis | Plants—Chemical analysis |
| Gas analysis | Polarography |
| Gravimetric analysis | Spectrum analysis |
| Indicators and test papers | Sugar analysis |
| Iodometry | Textile analysis |
| Metallurgical analysis | Turbidimetric analysis |
| Microanalysis | Volumetric analysis |
| <i>also</i> subdivision | Analysis under names of substances, e.g. |
| Air—Analysis | Soap—Analysis |
| Drugs—Analysis | Steel—Analysis |
| Paper—Analysis | Water—Analysis |
| Petroleum—Analysis | Waxes—Analysis |
| Rocks—Analysis | |

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| Electrochemical analysis | Volumetric analysis |

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See also

- | | |
|--------------------------------|--------------|
| Alkaloids | Hormones |
| Anesthetics | Hypnotics |
| Anesthetics, Local | Immunity |
| Antiseptics | Mydriatics |
| Antispasmodics | Narcotics |
| Chemotherapy | Pharmacology |
| Disinfection and disinfectants | Vaccines |
| Drugs | Vitamins |

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See also

- | | |
|------------------------|----------------------|
| Acids, Fatty | Cyclic compounds |
| Acids, Organic | Essential oils |
| Alcohols | Esters |
| Aldehydes | Ethers |
| Alkaloids | Glucosides |
| Amines | Hydrocarbons |
| Carbohydrates | Ketones |
| Carbon | Proteins |
| Cellulose | Radicals (chemistry) |
| Condensation, Chemical | Stereochemistry |
| | Sugars |
- also Synthetic organic chemical manufacturers association

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See also

Absorption	Ions
Activation	Isomerism
Addition compounds	Isotopes
Adhesion	Melting points
Adsorption	Mesomerism
Atomic weights	Mixtures
Atoms	Molecular compounds
Boiling points	Molecular rearrange-
Catalysis	ments
Catalysts	Molecular weights
Chemical bonds	Molecules
Chemical equilibrium	Nascent state
Chemical reaction	Orientation (chemis-
Colloids	try)
Condensation, Chemi-	Photochemistry
cal	Photosynthesis
Coordination (chemi-	Polymers
stry)	Quantum theory
Crystallization	Resonance (chemis-
Crystallography	try)
Dissociation	Solids
Electrolysis	Solubility
Electrolytes	Solution (chemistry)
Electrons	Stereochemistry
Emulsions	Stoichiometry
Evaporation of state	Surface phenomena
Evaporation	Surface tension
Fluorescence	Thermochemistry
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lytic	Volatility
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See also

Acetylene	Lacquer and lacquer-
Acid resisting mate-	ing
rials	Leather
Alcohol	Metallurgy
Alcohols	Oils and fats
Alkalies	Ore treatment
Alloys	Paint
Ammonia	Paper
Beverages	Paper making
Blast furnace gas	Paper making mate-
Bleaching	rials
Cellulose	Petroleum—Chem-
Cement	istry
Ceramics	Petroleum distillation
Chemical engineering	Petroleum refining
Chemical industries	Plastic materials
Chemical patents	Porcelain
Chemicals	Pottery
Chemurgy	Rayon
Clay	Refractory materials
Clay industries	Refrigerants
Coal distillation	Resinous products
Coke-oven gas	Rubber
Corrosion and anti-	Soap
corrosives	Soap, Metallic
Cosmetics	Soap manufacture
Cyanide process	Solvents
Dehydration	Soybeans
Distillation	Sugar
Dyes and dyeing—	Sulfuric acid
Chemistry	Synthesis
Essential oils	Tanning materials
Explosives	Textile chemistry
Fertilizers	Unit processes
Filters and filtration	Varnish and varnish-
(technical chemis-	ing
try)	Vulcanization
Fuel	Waste products
Gas	Water purification
Gas manufacture	Wood distillation
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- Agricultural chemists
- Chemical education
- Women as chemists
- also names of chemists, e.g.
- | | |
|--------------------|------------------------|
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| Castner, Hamilton | Cressy |
| Young | Norton, Thomas Herbert |
| Crossley, Moses | Noves, William |
| Leverock | Albert |
| Foot, Harry Ward | Ruff, Otto |
| Frolich, Per K | Slosson, Edwin |
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| Columns, Concrete | Footings, Concrete |
| Concrete, Reinforced | Railroads—Concrete |
| Concrete blocks | construction |
| Concrete buildings | Reservoirs, Concrete |
| Concrete houses | Roofs, Concrete |
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Speeds ore shipments by opening up new waterway, new ship canal, Keeweenaw waterway. *R B Williams* *Il map Steel* 111 96, 98 Ag 3 '42

See also

Coal dredging
 Dredges
 Gold dredging

DRESS goods

Analysis of 84 qualities of cotton dress prints. *M B Hays and G B Frankenberg bibliog Rayon* 23 620-2, 669 O-N '42

Spun rayon dress fabrics, dyeing of staple acetate mixtures, rayon-wool and cotton-rayon fabrics. *B S Hillman Textile Col* 64 277-80 *Je* '42

See also

Dressmaking

DRESS industry

Made in Miami, dress line, representing Florida needlework industry's bid for place in style parade. *Il Business Week* p52+ *Ja* 17 '42

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Advertising stresses women's clothes as U S morale builder. *Ptr Ink* 198:28 *Ja* 30 '42

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DRESS patterns. See Patterns (dress)

DRESSING rooms

Interior details: recessed lavatory unit in a powder room. *il* plans Arch Rec 92:60 S '42

DRESSMAKING

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Drexel Institute of technology, 1891-1941; a memorial history. E. D. McDonald and E. M. Hinton 336p \$3 Drexel Inst. of technology, Philadelphia '42

DRIED butter. See Butter, Dried

DRIED eggs. See Eggs, Dried

DRIED food. See Food, Dried

DRIED fruit. See Fruit, Dried

DRIED milk. See Milk, Dried

DRIED vegetables. See Vegetables, Dried

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See also

Drying oils

DRIERS (apparatus). See Drying apparatus

DRIFT

Nebraska-Kansas drift boundary in Missouri C. D. Holmes, bibliog maps Geol Soc Bul 53:1479-89 O '42

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Fabrics for military purposes; data on cotton drills and substitutes *il* Textile World 92:66 Je '42

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Cable-tool core barrel facilitates exploration of fluor spar deposits. Eng & Min J 143:54 S '42

Drilling on a 45-degree slope; New Enterprise stone and lime co. B Nordberg. *il* Rock Prod 45:37-9 Je '42

Operating tricks with boring machines. Elec W 118:1305-4 O 17 '42

Rapid installation of effective deep grounds; well-drilling technique adapted to reaching water table. L. N. Rebsamen. *il* Elec W 118:762-4 S 5 '42

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Stopping leakage under Hales Bar dam. C. H. Vivian *il* diags Comp Air M 47:6749-55 Je '42

Unusual set-up for a wagon drill; constructing road between Santa Fe and Taos. *il* Comp Air M 47:6868 O '42

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Drills, Oil well

Excavation

Mining methods

Petroleum—Well drilling

Quarries and quarrying

Rock drills

Tunnels and tunneling

Wells

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Automatic screw bushing saves time. F. J. Yunker. *diag* Am Mach 86:712-13 Jl 9 '42

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Carboloy introduces small caliber gun drills. *il* Iron Age 150:64 S 17 '42

Cemented carbide gun drills. W. R. Meyer and W. A. Kimsey. *il* diags Iron Age 150: 53-7 Ag 13 '42

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Drills for hardened steel solve an aircraft production problem F. G. Gepfert. *il* Mach 48:215-18 Jl '42

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Long holes finished accurately in drill jigs. D. I. Krauss. *diags* Am Mach 86:224 Mr 19 '42

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More work from jig borers; method of making drawings F. O. Hoagland *il* diag Iron Age 148:56-8 N 20 '41

New drill cuts production time F. G. Gepfert *il* Aviation 41:130 Ag '42

Non-deforming cylinder boring chuck. C. T. Packer *il* Am Mach 86:834 Ag 6 '42

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Broaching

Cutting tools

Drilling and boring

machinery

Machine shop practice

Metal cutting

Tables, calculations, etc.

Circumference, area, diameter of drill sizes; charts; data sheet Machine Design 14:77-8 Mr '42

DRILLING and boring machinery

Adaptable air clamps for drilling and tapping machines *il* Comp Air M 47:6848 S '42

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 Machine tools
 Reamers

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Automobile-body stamping plant builds boring mills for tank production *Il* Mach 49 149-54 O '42
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 Arc-welding important factor in constructing lightweight drilling equipment *Il* Pet Eng 14 64 O '42
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 Care of rotary-rig chains pays dividends Oil & Gas J 40 71 My 7 '42
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DRIVERS, Motor bus. *See* Motor bus drivers

DRIVERS, Motor truck. *See* Motor truck drivers

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Important service for the home front; new driveways, aprons, walks and terraces *Il* diags Am Bld 64 45-6+ J1 '42
 Limiting grades for driveways C N Stutz diags Pub Works 73 28-9 J1 '42

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DRUG factories

Equipment

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DRUG habit

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See also

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also American drug manufacturers association, American pharmaceutical manufacturers association, Federal wholesale druggists association, National wholesale druggists association

Advertising

Bromide backfire; five makers of headache remedies cited by FTC Business Week p22+ O 31 '42
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Finance

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Canada

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New York (state)

See also New York board of trade—Drug, chemical and allied trades section

United States

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 All-America competition; award to Sears, Roebuck and co. il Mod Packaging 15:160-1+ Ap '42

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Anticonvulsants	Narcotics
Antispasmodics	Nux vomica
Chemistry, Medical	Pharmacology
and pharmaceutical	Pills
Diethylstilbestrol	Poisons
Digitalis	Quinine
Drug trade	Sulfallantoin
Hypnotics	Tablets (medicine)
Marihuana	

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Rapid spectrographic determination of minute amounts of arsenic, lead, and copper and other heavy metals in foodstuff colours and medicinals. D A Harper and N Stratford *diags Soc Chem Ind J* 61 74-7 My '42

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DRY cleaning. See **Cleaning**

DRY docks

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DRY goods

Dry goods chains face supply factor Barron's 22 12 Mr 2 '42

See also

Department stores Knit goods
Hosiery Textile fabrics
also Wholesale dry goods institute

DRY goods institute, Wholesale. See **Wholesale dry goods institute**

DRY ice. See **Carbon dioxide, Solid**

DRYING

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Bricks—Drying	Paint—Drying
Clay drying	Paper drying
Dehydration	Textile drying
Drying apparatus	

DRYING (crops)

Alfalfa dehydrating helps farmers M. F. Peters *il* Gas Age 90 22-3 S 10 '42

Electricity and haymaking; drying of grass by artificial heat *il* Electrician 129:323-4 S 25 '42

DRYING (fruits and vegetables)

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Dehydrating vegetables; abstract W. V. Cruess *Science* 96 sup8+ S 11 '42

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Dehydration of fruits and vegetables, abstract W. V. Cruess *Can Chem & Process Ind* 26 587 O '42

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| Clocks, Electric | Electric protective apparatus |
| Coils | Electric rectifiers |
| Condensers (electricity) | Electric transformers |
| Electric cables | Electricity in mining |
| Electric circuit breakers | Photoelectric cells |
| Electric controllers | Potentiometers |
| Electric furnaces | Radio apparatus |
| Electric generators | Refrigerators, Electric |
| Electric instruments | Relays |
| Electric inverters | Selsyn apparatus |
| Electric machinery | Storage batteries |
| Electric meters | Voltage regulators |

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| Electric apparatus and appliances, Domestic—Merchandizing | Electric apparatus industry |
| | Electric utilities—Appliance selling |

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| Electric irons | Washing machines, Electric |
| Electric stoves | |
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| Electric apparatus and appliances, Domestic—Merchandizing | Washing machines, Electric |
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Canneries

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Dairies

Factories

Metal working plants

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Bolometers	Potentiometers
Electric apparatus and appliances	Radio instruments
Electric measurements	Radio measurements
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Electric testing	Vacuum tubes—Measurement uses
Galvanometers	Voltmeters
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Electric rectifiers Electric transmission

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Electric measurements

Electric instruments

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|-----------------------|---------------------------|
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| Electric railroads | |
| Electric trucks | Street railroads |
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Electric substations
Electric transmission

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Electric research Industrial research
Engineering laboratories Petroleum research
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American institute of Engineers' council for
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mechanical engineers Society for the promotion of engineering education
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| Architects—Architect-engineer groups | Engineering graduates |
| Chemical engineers | Highway engineers |
| Civil engineers | Radio engineers |
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| Engineering education | Sanitary engineers |
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| Airplane engines | Locomotives |
| Automobile engines | Motor bus engines |
| Blowers | Motor truck engines |
| Crankshafts | Pistons |
| Diesel engines | Pumping machinery |
| Fuel | Steam engines |
| Gas and oil engines | Steam turbines |
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Commercial correspondence

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Thermodynamics

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—Envelopes

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Influenza

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Tool exchange; Blackhawk and Imperial Brass serve as clearing houses for scarce items on shelves of well-stocked distributors. *Business Week* p52+ O 31 '42

See also

Advertising—Industries, Appeal to
Airplane accessories industry
Automobile accessories industry
Construction equipment

Industrial market
Machine tool industry
Machinery industry
Petroleum equipment industries
Plumbing supplies industry

EQUIPMENT Industries—See also—*Continued*
 Railroad supplies in- Tractor industry and
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See also

Machine tool industry—Advertising

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| Fire extinguishers | Forest fires |
| Fire resisting materials | Inflammable mixtures |
| Fire service (water supply) | Insurance, Fire—Preventive work |
| <i>also</i> subdivision | Fires and fire protection under special subjects, e.g. |
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| | Chemical plants |

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Cheese	Potatoes
Coloring matter in food	Poultry
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Building	Excavation
Caissons	Footings, Concrete
Cofferdams	Foundation soils
Column footings	Piers (foundations)
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Bridges—Foundations and piers Concrete construction, Subaqueous
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Cast bomb shells in Canadian plant P Dwyer *il plan Foundry* 69 50-3+ D '41; 70: 64-6, 134+ Ja '42
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Foundry practice Steel works

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| Aluminum founding | Iron founding |
| Annealing | Iron metallurgy |
| Brass founding | Molding machines |
| Bronze founding | Molds (for casting) |
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| Casting, Centrifugal | Pickling (metals) |
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Roofs

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Civil service—France
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Butane	Liquid fuel
Coal	Locomotives—Fuel
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Coke	Fuel
Coke-oven gas	Motor truck engines—
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Butane	Gas industry
Coal distillation	Gas manufacture
Coke-oven gas	Gas producers
Distillation	Gases
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Diesel engines

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Chimneys	Oil burners
Electric heaters	Oil fuel
Electric heating	Radiators
Fuel	Refractory materials
Furnaces, Warm air	Steam heating
Gas heaters	Ventilation
Gas heating	Waste heat
Heaters	

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Auto policy voided by transfer of car; mortgagee cannot recover. East Underw 42:29 N 21 '41

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California pact on auto fleets ready Nat Underw 46 3 F 26 '42

Caminetti and California dept work with company men to solve fictitious fleet problem G Macdonald Ins Field (Fire ed) 71:15+ F 26 '42

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Agents, company men differ on auto renewal slips, Nat Underw 46:34 My 14 '42

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All companies sign California fleet agreement. G Macdonald Ins Field (Fire ed) 71:27 Ap 30 '42
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Canada auto rates are cut for individuals. East Underw 43:35 Ap 10 '42
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Status of Mexico automobile cover. Nat Underw 46:20 F 12 '42

Michigan

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Virginia

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Application for insurance not rejected if company holds premium. East Underw 43: 23 S 18 '42

Coverage under new automobile policy for the use of trailers. East Underw 43:31 F 20 '42
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Rates

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Bequest insurance; field in which life insurance can serve ever-growing social need. C D. Connell. II East Underw 43:3 Je 5 '42

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Buckeye Union Casualty prepared to write bicycle insurance Nat Underw 46 18 My 14 '42

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Audit on Tacoma bridge loss completed Nat Underw 46 2 Je 25 '42

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Broaden valuable papers form, other burglary changes Nat Underw 46 17 My 14 '42

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Insurance, Accident	Insurance, Power plant
Insurance, Automobile	Insurance, Surety and fidelity
Insurance, Aviation	Insurance, Tornado
Insurance, Burglary	Insurance, Workmen's compensation
Insurance, Hail	
Insurance, Liability	
Insurance, Motor truck	

also Association of casualty and surety executives, Casualty actuarial society; National bureau of casualty and surety underwriters

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Move to simplify statistics for rate making Nat Underw 46 21+ Ap 9 '42
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 Cites British methods as a pattern, federal legislation on personal injuries due to war work is necessary J D Dorsett East Underw 43 31+ Mr 27 '42
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INSURANCE, Cold storage locker

Cold storage locker insurance is in demand Nat Underw 46 16A O 1 '42

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Benefit societies

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U.S. drops cover on acquired cotton and naval stores. Nat Underw 46:33 Ja 15 '42**INSURANCE, Cranes. See Insurance, Inland marine—Policies****INSURANCE, Credit**Benefits of 1942 credit expansion C T. Hubbard. Weekly Underw 146:26+ Ja 3 '42
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Supply and labor problems enhance credit cover need P M. Millians Nat Underw 46:22 Ap 30 '42**Great Britain**

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Insurance, Life—Disability provisions

Adjustment of claims

Appellate division of the Supreme court rules on disability provisions; ownership and engagement in business. Weekly Underw 147:135 Jl 18 '42

Delay in making settlement of claim under sickness policy does not render insurer liable for consequential damages. Weekly Underw 146:1250 My 30 '42

Performance by insured of substantial duties of occupation bars recovery of disability benefits. Weekly Underw 146:693 Mr 21 '42

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Private residence liability; medical aid coverage written under two forms. East Underw 43:30 Ja 9 '42

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Aviation risks

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Assured wins \$376,000 verdict in explosion issue; Lever brothers company. Nat Underw 46:8 D 11 '41

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What about your fire insurance? It should fit tempo of war production T V. Ponder Credit & Fin Management 44:17-18+ F '42
What price mutuals? E. Middleton Ins Field (Fire ed) 71:18-20 Je 18 '42*See also*

Insurance, Inland

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also National board of fire underwriters**Adjustment of claims**

Adjuster cannot extend assured's time for suit East Underw 43:18 Ja 2 '42

Adjuster-fire chief cooperation on large losses Nat Underw 45:4 N 27 '41

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Ask companies to cover gap in war protection Nat Underw 46 1+ Je 18 '42, East Underw 43 1+ JI 17 '42

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Agent in a war-time economy H P North
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Offsetting slump in auto premiums; agency operating forum, National association of insurance agents. Nat Underw 46:5+ O 1 '42

One of the most fortunate business men in the world. East Underw 43:44 Mr 13 '42; Nat Underw 46 27 Mr 12 '42

Opportunities for service and increased sales, California association of insurance agents meetings. Nat Underw 46 29 F 19 '42

Organized selling pays dividends. F. W. Westervelt, jr. Ins Field (Fire ed) 70 24-5+ D 18 '41

Outlines practical plans for handling business of agents entering service. E. R. Ledbetter. Nat Underw 46 8 My 28 '42

Pointers for local agents. Published in weekly numbers of National underwriter

Points on production of bonds that will assist producers of those lines. R. E. Brown. Weekly Underw 145 1454+ D 27 '41

Prepare for mobilization day, agents advised. L. H. Jones. Nat Underw 46:3+ O 15 '42

Reserves for taxes stressed, effect of war on activities of producers. W. R. Thomas. Weekly Underw 146 1404+ Je 20 '42

Sales psychology in wartime. M. L. Lane. East Underw 43 24+ pt 2 My 15 '42

Scout the other team, learn plays of direct writers for effective competitive results. E. S. Oppenheimer. Ins Field (Fire ed) 70 22-3 N 6 '41

Seven point challenge to production field. R. E. Brown. East Underw 42 32 N 21 '41

Southern agents hit by loss of loan agency covers. Nat Underw 46 8 Ja 22 '42

Successful selling. Published in weekly numbers of Insurance field (Fire-casualty edition)

Through both ends of the telescope—production opportunities of brokers and agents. A. W. Spaulding. Weekly Underw 147 976-7+ O 24 '42; Abstracts. East Underw 43:31+ O 23 '42; Nat Underw 46:16 O 22 '42

War and your insurance agent, timely ad theme of two Hartfords. East Underw 43 41 O 9 '42

War's effect on agents; abstracts. H. I. Callis. Weekly Underw 147:447+ Ag 29 '42; Nat Underw 46 2+ Ag 27 '42

What's ahead in casualty; points to greatly increased volume. W. T. Harper. East Underw 43.40 N 6 '42

See also

Insurance as profession Insurance associations

also subdivision Agents under various forms of insurance, e.g. Insurance, Automobile—Agents

also American association of insurance general agents; National association of insurance agents

Advertising

Action against Mellors by Philadelphia bar association. Weekly Underw 146:806 Ap 4 '42

Booklet of I.A.C. tells how successful agencies advertise. East Underw 43:18 Je 19 '42

How successful agencies advertise; booklet receives wide distribution. East Underw 43:24 S 4 '42

Successful local agency advertising plans. P. H. Hawes. Nat Underw 45 33 D 11 '41

Agency management

Agency management course of Connecticut agents' association. East Underw 43 24 Ap 24 '42

Agency management tightens its belt. B. D. Cole. Ins Field (Fire ed) 71:20-1 Mr 5 '42

Agents need to watch credit situation today. Nat Underw 46 10 Mr 26 '42

How to operate an agency profitably in war time. O. Beling. Nat Underw 46 35 My 21 '42

Suggestions on war time agency operation. B. A. Jochen. Nat Underw 46 34 Je 11 '42

Agency system

Agency in insurance. Economist 143 242-3 Ag 22 '42

Calls for ampler key to profit motive; weaknesses in the American agency system. R. Kenney. East Underw 42 37 N 7 '41

Challenge to American agency system. W. R. Thomas. Ins Field (Fire ed) 71 19-20 Ag 20 '42; Abstracts. Nat Underw 46 2+ Ag 20 '42; East Underw 43 1+ Ag 21 '42

General agency system geared to cushion demands of war on insurance personnel. B. McGehean. Ins Field (Fire ed) 71:17 Ja 22 '42

General agency system meeting challenge thrust upon insurance by a war-time economy. B. McGehean. Ins Field (Fire ed) 71 15+ O 22 '42

Graded licenses for agents, improving agency standards. H. H. Corson. Ins Field (Fire ed) 71 20 O 1 '42; Reply. J. M. McCormack. 71 22-3 O 22 '42

How to translate tire and gasoline rationing to the agent's advantage. D. Kelleher. Ins Field (Fire ed) 71 16-17 J1 2 '42

Problems confronting producers. W. R. Thomas. Weekly Underw 147 664+ S 19 '42

Sees determination to stop further inroads on agency system. W. H. Bennett. East Underw 43 20 S 18 '42

Warns agents' days may be numbered. R. Kenney. Ins Field (Fire ed) 71:10+ O 22 '42

Automobile problem

Effect of gas rationing on insurance men. H. E. Richman. Nat Underw 46 10 My 28 '42

Gas rationing in its general effect on insurance men. Nat Underw 46 19 O 1 '42; Same. Nat Underw (Life ed) 46 4+ O 2 '42

Tire rationing will cause insurance problems. Nat Underw 46 4+ Ja 1 '42

Collecting of premiums

See Insurance—Premiums, Payment of

Commissions

Agents oppose change in countersignature agreement at present. L. W. Garlich. East Underw 42:1+ N 7 '41

Agents view graded costs. Nat Underw 46: 4 O 1 '42

Agree to comply with Texas expense stabilization plan. Nat Underw 46:4+ Je 25 '42

Appelcart upset in Texas stabilization move; domestic companies renounce agreements on commissions. Nat Underw 46:1 J1 30 '42

Expense limitation program now in effect in Texas. Nat Underw 46:1 J1 9 '42

For agency cost formula based on over-all agency operations. Nat Underw 46.2 O 22 '42

Put squeeze on expense elements; Texas requires insurers' affidavit on commissions. Nat Underw 46:2+ Je 4 '42

Splitting insurance commissions; digest of recent cases. J. L. Roesch. Spectator (Property ed) 7:30-1 Ap 2 '42

Texas Board bulletins companies on commissions. Ins Field (Fire ed) 71:10 Ag 20 '42

INSURANCE agents—Commissions—Continued
 Texas commissions still hold spotlight, *Ins Field* (Fire ed) 71 8 J1 23; 7+ J1 30 '42
 Texas officials probe commission payment facts, *Nat Underw* 46 5 F 5 '42
 Weighs significance of Hill plan E. C. Stone *Nat Underw* 46 21+ Ap 9 '42

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Company relations

Is the agent being mistreated? J J O'Toole, *Ins Field* (Fire ed) 71 20-1 S 17 '42
 It begins with you; co-operation between agents and adjusters essential for good public relations W B. Todd, *Ins Field* (Fire ed) 71 16-18 Ag 13 '42
 Pleads for unity in industry P Midyette *East Underw* 43 26 My 8 '42
 Talks on unity to southwest agents D A North *East Underw* 43 31 My 29 '42

Contracts

High Pennsylvania court upholds Massachusetts bonding *Ins Field* (Fire ed) 70 10 D 18 '41
 Ruling on rights to expirations; Michigan Supreme court holds for Auto-owners *Nat Underw* 46 19 Ja 8 '42

Conventions

New York state association local agents annual convention, *Syracuse Nat Underw* 46 1+ My 14 '42

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Costs

Agency costs survey by N A I A *East Underw* 42 24 D 26 '41

Examinations

New Indiana exam plan gets results *Nat Underw* 45 36 N 13 '41
 Pennsylvania regulations *Weekly Underw* 146 1443 D 27 '41

Law

Action against Mellors by Philadelphia bar association *Weekly Underw* 146 806 Ap 4 '42
 Agent cannot cancel debts to company by bankruptcy *East Underw* 43 22 Ja 9 '42
 Agent cannot waive occupation warranty by agreement with assured *East Underw* 43 21 J1 31 '42
 Agent's authority and ownership of property *Nat Underw* 45 23 N 27 '41
 Agent's debts do not prevent wife from getting license *East Underw* 43 15 Ja 2 '42
 Agent's fraud held not imputed to company says Highest court, *Nat Underw* (Life ed) 46 8 J1 10 '42
 Better license law Arizona agents' aim, *Nat Underw* 45 3+ N 6 '41
 Caldwell is convicted on count of forgery in connection with Lloyd's policies *East Underw* 42 20 D 26 '41
 California commissioner insists agents must not mingle companies' money, and their own *East Underw* 42 34 N 7 '41
 Confer on men in service, Illinois insurance men meet with department, *East Underw* 43 24 Mr 27 '42
 Former Indiana agent gets judgment against insurers in balance issue, *Nat Underw* 45 6 D 4 '41
 Graded licenses for agents; improving agency standards H H Corson *Ins Field* (Fire ed) 71 20 O 1 '42, Reply, J. M. McCormack, 71 22-3 O 22 '42
 Halt licensing of automobile dealers; Georgia law violated, *Weekly Underw* 146 421+ F 21 '42
 High jinks in halls of Missouri legislature; qualifications bill bribe, *Weekly Underw* 145 1064 N 8 '41
 How best to test the agent; what should state licensing requirements be and how applied? abstracts, E. E. Agger *Ins Field* (Fire ed) 71 22-5 S 24 '42; *East Underw* 43: 14+ S 18 '42

Indiana agency laws F. J. Viehmann *Nat Underw* 46 5 Ja 15 '42

Insurance agents held to be under unemployment-compensation act; the Supreme court of appeals of Virginia, *Monthly Labor R* 53 1222-3 N '41

Insurance bribe case conviction, Missouri legislator guilty *Nat Underw* 46 6 Mr 26 '42

Insurer wins important N Y case on status of agent *Nat Underw* (Life ed) 46 9 J1 24 '42

Law to forestall rebating C F J Harrington *East Underw* 42 28+ N 7 '41

License of Mason Miller suspended *Ins Field* (Fire ed) 71 9-10 Mr 26 '42; *Nat Underw* 46 6+ Mr 26 '42

Licenses of agents in Massachusetts *Weekly Underw* 146 1046 My 9 '42

Licenses of seven suspended after trial testimony in Missouri, *Ins Field* (Fire ed) 71: 7-8+ F 19 '42, *Nat Underw* 46 4+ F 19 '42

Lloyd issues ruling on non-resident brokers in Ohio, *East Underw* 43 30 Ja 23 '42

Maryland licenses *Weekly Underw* 146 992 My 2 '42

Michigan to tighten up on license requirements *Nat Underw* (Life ed) 45 4 N 21 '41

Mississippi court holds agent has the power to waive other insurance clause *East Underw* 43 20 Ja 23 '42

Producers in service protected by new Illinois law *Weekly Underw* 146 1103 My 16 '42, *Nat Underw* 46 31 My 14 '42

Qualification drive started in Missouri, *Weekly Underw* 147 265 Ag 8 '42

Restraint on employee to withhold information, J Simpson *East Underw* 42 37 D 19 '41

Rouillard gives rules on agency licenses in New Hampshire *East Underw* 43 34 Mr 6 '42

Scheufler lifts ban on St Louis agents *East Underw* 43 19 F 27 '42, *Nat Underw* 46 4+ F 26 '42

Virginia license law effective August 1 *Weekly Underw* 146 1324 Je 13 '42

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Insurance agents—
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Letters to prospects

Do you write good sales letters? G L Dundas *Ins Field* (Fire ed) 71 20-1 J1 9 '42
 Fidelity and surety bonds, production methods to meet reduced personnel problem, W J Purcell *Weekly Underw* 147 189+ J1 25 '42

Multiple line selling

Fire-casualty producers turn to life business, *Nat Underw* 46 18 S 3 '42, Same *Nat Underw* (Life ed) 46 10 S 4 '42
 Leading producers prepared for stoppage of auto production *East Underw* 43 20-1, 37-8 pt 2 My 15 '42
 Life agents selling other lines of insurance coverage *Nat Underw* (Life ed) 46 19 J1 31 '42

Policy execution

Agent wins issue on countersigning *Nat Underw* 45 17 D 11 '41
 Agents oppose change in countersignature agreement at present L W. Garlachs, *East Underw* 42 1+ N 7 '41
 Agree on changes in countersignature plan, *East Underw* 43 42 Ap 17 '42, *Nat Underw* 46 23 Ap 16 '42
 E U A adopts new rule on brokerage payments *Nat Underw* 46 5 My 21 '42
 Illinois commissions; legal payment described by Director Jones *Weekly Underw* 147 359 Ag 22 '42
 Kentucky ruling made on division of commissions *Nat Underw* 46 9 Ap 16 '42
 Pink will not order agency signature on war damage policies, action in other states, *East Underw* 43 1+ J1 31 '42
 Reaffirms commissions paid in New Hampshire on countersigned business, A. J. Rouillard, *East Underw* 43 39 Mr 6 '42
 Tennessee cancels its war damage ruling, *Nat Underw* 46 3 N 5 '42

INSURANCE agents—Policy execution—Cont.
 War damage policies must be signed by residents in Tennessee J. M. McCormack. Weekly Underw 147:119 J 18 '42

Public relations

General agents are vital cog in public relations wheel. B. McGehean. Ins Field (Fire ed) 71:13+ J 23 '42
 Public relations in Detroit E. Salzman Ins Field (Fire ed) 71:20 J 23 '42
 Public relations in Rochester. R. A. Duffus. Ins Field (Fire ed) 71:22-3 O 29 '42

Records

If you are going in the service; insurance instruction record form. Ins Field (Fire ed) 71:20-1 S 10 '42
 System gets the job done. A. Griffith. Ins Field (Fire ed) 71:18-19 S 10 '42

Rural agents

Advice to rural agents B. R. Walinder Ins Field (Fire ed) 71:26-7 Je 4 '42
 Rural agents kept busy by added duties. A. H. Case. Ins Field (Chicago Conv Daily ed) 71:16 S 22 '42
 Selling insurance to farmers. II East Underw 43:42 pt 2 O 9 '42
 Selling to American farmers L. A. Williams Nat Underw (Life ed) 45:2+ D 26 '41
 Timing is important in soliciting farm business T. E. Berry. Nat Underw (Life ed) 46:23 Ja 2 '42
 Urge agents to join in rural fire prevention. East Underw 43:24 Je 19 '42; Weekly Underw 147:13 J 4 '42

See also
 Insurance, Fire—
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Service

Agents volunteer for federal war insurance Weekly Underw 145:1392 D 20 '41
 Counsels filling needs of the customer E. C. Stone East Underw 43:35 My 29 '42
 Coverage must stand inspection; lauds work of local agent. M. W. Mays. Weekly Underw 146:1441+ Je 27 '42
 For agency cost formula based on over-all agency operations Nat Underw 46:2 O 22 '42
 Future assured for agent who knows and serves. J. C. O'Connor Nat Underw 46:8 O 29 '42
 How to translate tire and gasoline rationing to the agent's advantage. D. Kelleher. Ins Field (Fire ed) 71:16-17 J 2 '42
 Making hit with oilburnerites; insurance agents mail worksheet to oil users II Nat Underw 46:16 O 15 '42; Spectator (Property ed) 8:32 O 15 '42; Weekly Underw 147:920-1 O 17 '42
 Tells Minnesota association local agent is servant of public. L. D. Engberg Weekly Underw 147:317 Ag 15 '42
 War inspires agents' work in prevention. Ins Field (Chicago Conv Daily ed) 71:3+ S 22 '42
 Weighs significance of Hill plan E. C. Stone Nat Underw 46:21+ Ap 9 '42

Show windows

Effective window displays bring N.J. agent many valuable contacts M. Farr. East Underw 42:28 N 21 '41

Training

Keep 'em trained; Aetna's casualty and surety sales course in Hartford does real job II Ins Field (Fire ed) 71:16-18 J 16 '42
 Will trained agents write the business? R. A. Stevenson. Ins Field (Fire ed) 71:16-17+ Ja 8 '42

See also
 Insurance—Study and Insurance, Life—
 teaching Agents—Training

Unions

C.I.O. petitions Metropolitan for election Ins Field (Life ed) 70:9-10 N 21 '41

CIO wins election among Prudential industrial men in Greater New York area. Nat Underw (Life ed) 45:16 N 14 '41
 Denies CIO union's contract claim; John Hancock Mutual Life plan for debtmtn. Weekly Underw 146:173+ Ja 17 '42
 Prudential agreement with UOPWA signed. East Underw 43:1+ J 10 '42
 Union contract signed by Pilot Life president. Ins Field (Life ed) 71:10 S 4 '42

Women agents

Ada V. Doyle, N.A.I.W.'s president Ins Field (Fire ed) 71:20 Ag 13 '42
 Should maintain selling personnel through more women in agency field. East Underw 43:31 S 4 '42
 Will we have women special agents? B. D. Cole Ins Field (Fire ed) 71:22 Ap 16 '42

See also
 Insurance, Industrial Insurance, Life—
 —Agents—Women Agents—Women
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 Insurance women

Canada

Canadian recruiting trends; chart. J. M. Holcombe, jr East Underw 43:4 Je 5 '42
 Outlook for tariff insurance in Canada has improved R. L. Stalling East Underw 43:34 N 6 '42

Great Britain

Agency in Insurance Economist 143:242-3 Ag 22 '42

Missouri

High jinks in halls of legislature; qualifications bill bribe Weekly Underw 145:1064 N 8 '41

New York (city)

New York City agents decide to resign from N.A.I.A. Ins Field (Fire ed) 71:7+ Je 11 '42; Nat Underw 46:3 Je 11 '42
INSURANCE agents, National association of.
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INSURANCE as a profession
 Connecticut General booklet on insurance as career; New horizons East Underw 43:7 N 6 '42
 Points to remember when one is entering life insurance as a permanent vocation R. W. Weathers. Nat Underw (Life ed) 46:23 S 4 '42
 Professional status S. S. Huebner East Underw 43:16 O 16 '42
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 Insurance agents
INSURANCE associations
 Atlanta club places emphasis on educational program for insurance girls E. Gesner and J. Moseley Ins Field (Fire ed) 71:26-7 My 7 '42
 Chicago board recasting; relinquishes rating function, continues as trade group. Nat Underw 46:1 Ja 15; 3 Ja 22; 5 Ja 29 '42
 Complete Chicago board changes. Nat Underw 46:1+ Ap 30 '42
 Insurance accounting and statistical association annual meeting. St. Louis Nat Underw 46:6+ Ap 30 '42; Nat Underw (Life ed) 46:1+ My 1 '42
 Robert O. Young elected at reunion of fire fraternity. Nat Underw 45:4 N 13 '41
 Rochester board honored for its excellent public relations work East Underw 43:26 Je 5 '42
 St. Paul girls, a top-notch club. E. Gesner and J. Moseley. Ins Field (Fire ed) 71:22-3 Ap 2 '42
 Scores passive attitude toward anti-compact laws; abstracts B. W. Levit. Nat Underw 46:5 Mr 5 '42; Weekly Underw 146:592 Mr 14 '42
 Thirteen N.Y. groups in tribute to Myrick. East Underw 42:6+ D 19 '41
 True nature of organization activity. W. N. Achenbach. Nat Underw 46:1 J 9 '42
 Urges cost extensive plan for all local boards T. G. Redden. Weekly Underw 146:1055 My 9 '42

INSURANCE associations—Continued

Your association; how to organize new N.A.I.W. clubs. E. Brink. *Ins Field* (Fire ed) 71:24-5 J1 9 '42

See also

Factory insurance associations

Insurance—Pools

also names of insurance associations, e.g. Institute of life insurance National association of insurance

Insurance economics agents society of America Western factory insurance association Interstate underwriters board

INSURANCE brokers

Brokers may fall under U.S. rule, premiums collected for foreign insurers. *Nat Underw* 45:3 N 13 '41

Federal court rules assured has right to change broker at will *East Underw* 43:24 Ag 7 '42

Finley runs brokerage agency. *East Underw* 43:13 F 27 '42

Herbert J. Fols opens insurance institute for brokers *East Underw* 43:22 Ja 9 '42

Illinois brokers file query for service men. *Weekly Underw* 147:15 J1 4 '42

Insurance broker-agent, their status under the laws of the various states H. Law. 112p pa \$1.50 Harrison Law, 44 Whitford av. Nutley, N.J. '41

Insurance protection, and the war, brokers' service looms increasingly important C. O. Pate *Weekly Underw* 146:49-50 Ja 3 '42

Makes survey of all needs affected by war conditions *Nat Underw* 46:19 O 8 '42

N.Y. Dept. not to act on broker-agent rule *East Underw* 43:17 O 30 '42

Reach agreement to give brokers vote in Chicago. *Nat Underw* 46:12 Ap 30 '42

Remarkable tribute to a broker; importers take space in daily papers to praise W. E. Goodridge & son. *East Underw* 43:36 O 2 '42

Today's broker's market P. T. Campbell *East Underw* 43:20 N 6 '42

INSURANCE brokers' association of New York
Annual meeting, New York. *East Underw* 43:20 My 1 '42; *Weekly Underw* 146:994-5 My 2 '42

INSURANCE clerks mutual benefit association of the city of New York
Security reinsures Insurance Clerks *East Underw* 42:12 N 28 '41

INSURANCE commissioners

Commissioner Larson of Florida has made an impressive record H. W. Laird *East Underw* 43:21 Ja 2 '42

Commissioners defend Iowa department head in connection with American Mutual *East Underw* 42:9 D 5 '41

Dr. Agger, economist, for N.J. commissioner. *East Underw* 42:5 N 14 '41

Dr. Agger is confirmed as N.J. commissioner. *Nat Underw* 46:8 Ja 29 '42

Fischer ouster move waits on interpretation. *Nat Underw* (Life ed) 45:3+ N 28 '41

Massachusetts commissioner, Charles F. J. Harrington. S. Welton. *East Underw* 43:46 Ap 17 '42

Republican successes mean new insurance commissioners in several states *Weekly Underw* 147:1052 N 7 '42

Rules Sims need not go to Detroit for arraignment. *Nat Underw* 46:4 Ja 23 '42

Seek Fischer ouster in American Mutual case. *Nat Underw* (Life ed) 45:3+ N 21 '41

Sues Nebraska authorities over Pathfinder issue. *Nat Underw* (Life ed) 45:4 N 28 '41

INSURANCE commissioners, National association of. See National association of insurance commissioners

INSURANCE companies

American States buys Union of Indiana. *Nat Underw* 46:19 S 17 '42

Brief review of events occurring in 1941; official changes, new companies, etc. in 1941. *Weekly Underw* 146:10-14 Ja 3 '42

British court rules on status of companies in occupied countries. *Weekly Underw* 145:1402 D 30 '41

Groups in the insurance business and their relation to its present and future developments, address to Vermont agents. J. Van Wiseman. *Nat Underw* 46:3+ My 21 '42
Joint committee adopts resolution on penalties. *Weekly Underw* 145:1235-6 N 29 '41
Meeting demands of war time; what casualty and surety companies have done J. D. Dorsett *Nat Underw* 46:21 Je 18 '42

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Insurance—Pools

Accounting

Iowa holds unearned premiums be based upon amount in policy. *East Underw* 42:19 N 21 '41

New type of formula for valuation of bonds adopted by National association of Insurance commissioners *Nat Underw* 46:1+ Je 11 '42, Same *Nat Underw* (Life ed) 46:3+ Je 12 '42

Premiums overdue from U.S. cut into surplus showings *Nat Underw* 46:18 Ja 22 '42

Advertising

Advertising buying habits of twenty companies surveyed in Casualty insurance principles L. F. Tillinghast *East Underw* 43:32 O 16 '42

Agents encourage wartime advertising; questionnaire discloses increased readership and use of material W. C. Rhoades. *Weekly Underw* 146:646-7 Mr 21 '42; Same. *East Underw* 43:27 Mr 20 '42; Same *Spectator* (Property ed) 7:24+ Ap 2 '42, Same *Nat Underw* 46:5+ Mr 19 '42

Connecticut Mutual 1943 calendar to feature American artists again *il East Underw* 43:4 J1 31 '42

Currier & Ives prints feature Travelers calendar for 1942 *East Underw* 42:3+ N 28 '41

Fighting the 7th column; Liberty mutual insurance co. campaign to promote safety *Business Week* p99 Ag 15 '42

Letters, 12,342, replies, 1,474 (11.9%); cost per inquiry, \$0.75, National fire group advertises to agents J. W. Mason. *Ptr Ink* 199:22, 24+ Je 26 '42

Liberty Mutual to devote all its advertising to smashing 7th column *East Underw* 43:27 J1 31 '42

Metropolitan Life's farm ads culminate years of planning J. Philp *il East Underw* 42:28+ D 12 '41

Seventh column exposed. Insurance company has turned its advertising to prevention of accidents *il Ptr Ink* 200:48-9 Ag 7 '42

Trade press advertising builds agent good will and new business, abstracts J. A. Gernhardt *East Underw* 42:29 D 5 '41, *Weekly Underw* 145:1406 D 20 '41

Two Hartford ads advertise W. D. C. coverage. *Ins Field* (Fire ed) 71:10 O 15 '42

Two Hartford 1942 ad campaign. *il East Underw* 43:28 Ja 16 '42

War and your insurance agent, timely ad theme of two Hartford. *East Underw* 43:41 O 9 '42

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Insurance—Advertising Insurance agents—Advertising Insurance, Life—Advertising

Branch offices

Modern life insurance agencies, New England branch office of the New York Life. Boston W. A. Hamlin. *il Spectator* (Life ed) 149:52-7 O '42

Consolidation

Caminetti plans consolidation of chapter 9 firms *Nat Underw* (Life ed) 46:3-4 J1 10 '42

Group of 3 factory mutual units is cut to single insurer. *Nat Underw* 45:16 N 20 '41
Hearthstone life of Indianapolis is absorbed by State Life. *Ins Field* (Life ed) 71:5 O 30 '42

Two companies merge production efforts; General Accident and Potomac *Weekly Underw* 146:1172 My 23 '42

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Credit departments

Credit in the insurance business D C Campbell Credit & Fin Management 43 20-1 D '41

Direct selling

Scout the other team, learn plays of direct writers for effective competitive results E S Oppenheimer Ins Field (Fire ed) 70:22-3 N 6 '41

Directories

Insurance almanac J D Hogshead, ed 30th ed 1166p \$3 Weekly underwriter, New York '42

Employees

Across the cashier's desk C Ludwig East Underw 43 120+ pt 2 O 9 '42
 Advocates companies adopt wage and hour regulations J B Shimmom East Underw 43 1+ My 1 '42
 Aetna life companies grant salary increase. East Underw 42 6 D 5 '41
 British see value of insurance technicians Spectator (Property ed) 7 24 F 19 '42
 Claim men denied preferred status in rationed area T E. Harris Nat Underw 46 19 S 3 '42
 Extra employe pay for Massachusetts Bonding, Seaboard Surety, American Surety East Underw 42 33 D 26 '41
 Farsighted personnel policy seen as matter of first interest to companies F L. Brokaw Weekly Underw 147 910 O 17 '42
 Gas rationing hits company men Nat Underw 46 15 Ag 27 '42
 Gasoline and tire restrictions raise numerous questions Nat Underw 46 5 N 5 '42
 Hundreds in street see banner presented, Metropolitan bond record East Underw 43 5+ O 16 '42
 Insurance is being checked on wages, hours Nat Underw 46 3 O 22 '42
 Insurance men must be quick to act on federal legislation, Wage and hour act T. Watters, Jr East Underw 42 1+ N 14 '41
 Insurance status under Fair labor standards act H D Jacobs East Underw 43 21 Ap 3 '42
 Many replacements by women in New York companies' head offices I Davis East Underw 43 1+ My 15 '42
 Mutual Life people tell radio audience how to get ahead. East Underw 42 3 N 14 '41
 National Fire of Hartford pay increase Weekly Underw 145 1233 N 29 '41
 New primer on testing for employe selection East Underw 43 12 S 4 '42
 Personnel drain is one of chief effects of war H C Bates Nat Underw (Life ed) 46 3+ Ag 28 '42
 Personnel problem in Hartford is especially acute. R B. Mitchell Nat Underw 46 21+ Ja 29 '42, Same Nat Underw (Life ed) 46 1+ Ja 30 '42
 Relation of insurance to federal wages and hours legislation Ins Field (Fire ed) 71: 9-10+ Ap 2 '42, Same Ins Field (Life ed) 71-8-10 Ap 17 '42
 Statements clarify status of insurance co employees under wages & hours laws. Ins Field (Fire ed) 71 8-9 F 19 '42, Same Ins Field (Life ed) 71 7 F 20 '42
 Survey shows value of college courses; 90 percent stay in insurance. Nat Underw 45: 8 N 20 '41
 Time spent driving automobile on insurance employer's business under wage-hour law Weekly Underw 147-287 Ag 8 '42
 Trained insurance men and our American diplomats afford interesting contrast F. L. Brokaw Weekly Underw 147 1007 O 31 '42
 U. S. specifications on wage-hour coverage. East Underw 43 18 F 13 '42, Nat Underw 46 4+ F 12 '42; Nat Underw (Life ed) 46 4 F 13 '42
 Wage control law's effect on insurance Nat Underw 46 1+ O 15 '42; Nat Underw (Life ed) 46 1+ O 23 '42
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Equipment and supplies

Office equipment demands will hit insurance offices Nat Underw 46 3 N 5 '42, Same Nat Underw (Life ed) 46 4 N 6 '42
 Office equipment problems scanned J E Mumper Nat Underw 46 4+ Ap 30 '42, Same Nat Underw (Life ed) 46 1+ My 1 '42
 Priority problems of companies grow with new demand of war East Underw 43 1+ Ja 9 '42

Examination

Commissioners agree on examination plan of qualifications East Underw 43 1+ Ap 17 '42, Nat Underw 46 10 Ap 16, 11 Ap 23 '42
 Examination costs; abstracts C F Hobbs East Underw 43 22+ Je 12 '42, Nat Underw 46 3+ Je 11 '42, Nat Underw (Life ed) 46 6+ Je 12 '42
 Levels torrid blast at examiners' fees J. J. Holmes Nat Underw 45 6+ D 11 '41, Same Nat Underw (Life ed) 45 10 D 12 '41; Reply by C A Gough and rejoinder Nat Underw 46 6-8 Ja 15 '42, Same Nat Underw (Life ed) 46 2+ Ja 16 '42
 Proposed statute on examinations J M. McCormack Nat Underw 45 5+ D 11 '41; Same Nat Underw (Life ed) 45 13 D 12 '41
 Recommendations of examinations group of commissioners W L. Harris Weekly Underw 146 1353 Je 13 '42
 Zone 3 commissioners act on examinations. Ins Field (Fire ed) 70 7 N 20 '41

Failures

See Insurance companies—Receiverships

Finance

American fire and casualty company, analysis Spectator (Property ed) 7 42-4 Mr 19 '42
 Associated indemnity corporation, San Francisco, analysis Spectator (Property ed) 7 30-2 Ja 8 '42
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Corrosion and anti-corrosives
Foundry practice
Galvanizing
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Magnetism
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See also

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Fuel

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Fuel, Colloidal

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Fuel

Gasoline

Kerosene

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gas

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| Chucks | Locomotive shops |
| Cylinders (engines, etc)—Manufacture | Machine shop management |
| Dies | Machine tools |
| Drafting room practice | Machinery |
| Drilling and boring (metal working, etc) | Metal cutting |
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Broaching	Machine guns—Manu- facture
Centering (machine work)	Machine shop prac- tice
Dividing (machine work)	Metal cutting
Drilling and boring (metal working, etc)	Milling
Grinding	Polishing
	Time study (of ma- chinery)

Tables, calculations, etc.

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Equipment
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Assembling methods
Balancing machines
Balancing of machinery
Ball bearings
Bearings
Belt
Belts and nuts
Bottling machines
Broaching machines
Calculating machines
Clamps
Clutches
Coal mining machinery
Conveying machinery
Cotton machinery
Cotton picking machines
Couplings
Cranes, derricks, etc
Crankshafts
Crushing machinery
Cylinders (engines, etc.)
Diesel engines
Dredges
Drilling and boring machinery
Dyeing machines
Electric machinery
Engineering
Excavating machinery
Fans, Mechanical
Feed mechanism
Fits (machinery)
Forging machinery
Friction
Gas and oil engines
Gearing
Hoisting machinery
Hosiery machines
Hydraulic machinery
Hydraulic presses

Inventions
Jigs
Knitting machines
Labeling machines
Locomotives
Looms
Lubrication and lubricants
Machine shop practice
Machine tools
Machinery in industry
Machinery industry
Mechanical drawing
Mechanical engineering
Mechanical handling
Mining machinery
Packaging machinery
Packing
Paper making machinery
Patents
Pneumatic machinery
Power transmission
Presses
Printing presses
Pulleys
Pumping machinery
Pumps
Rayon machinery
Refrigeration and refrigerating machinery
Road making machinery
Rock drills
Roller bearings
Rubber machinery
Screw machines
Shafts
Shoveling machines
Sintering machines
Spinning machinery
Springs (mechanism)

Steam engines
Steam turbines
Testing machines
Textile machinery
Tools

Tractors
Turbines
Valves
Woodworking machinery

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Machine tools—Design
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Tolerance

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Machine shops
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Tolerance

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Raw materials

Refractory materials

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Road materials

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Measurements

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Gear cutting
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Machine tools

Machine work
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| Bonderizing | Metal coating |
| Grinding | Metal coloring |
| Honing | Metal protection |
| Lacquer and lacquer- | Pickling (metals) |
| ing | Polishing |
| Lapping | Sand blast |
| Metal cleaning | Steel—Finishing |

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Aluminum—Protection	Galvanizing
Bonderizing	Ihrigizing process
Chromium plating	Metal coating
Corrosion and anti-corrosives	Paint, Protective
Electroplating	Pipe coating
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Aluminum industry and trade	Metal workers
Copper industry and trade	Metals—Prices
Hardware industry and trade	Metals, Non-ferrous
Iron industry and trade	Scrap metal
Lead industry and trade	Sheet metal trade
Mercury industry and trade	Steel industry and trade
	Tin industry and trade
	Tin plate
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See also

Scrap metal
 Slag
 Tailings

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See also

Aluminum work	Metal drawing
Brass founding	Metal working industries
Bronze	Metals, Cold working of
Bronze founding	Plating
Dies	Polishing
Electroplating	Rolling (metal work)
Extrusion process	Sheet metal work
Forging	Solder and soldering
Foundries	Stamping
Foundry practice	Steel work
Heat treatment	Tin plate
Machine shop practice	Welding
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Foundries—Employees	Machine works—Employees
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Opposes N.A.L.U. proposal, salaried board chairman project. L. O. Schriver. Nat Underw (Life ed) 46:4 Ag 7 '42

Witherspoon asks withhold judgment on chairman issue. Nat Underw (Life ed) 46.1 Ag 14 '42

NATIONAL association of manufacturers

Annual convention, New York. Business Week p14 D 6 '41

Congress of American industry, New York. Steel 109 29-31+ D 8 '41; Comm & Fin Chr 154.1686-7 D 27 '41; Elec Eng 61.53-5 Ja '42

Platform adopted by Congress of American industry favors single defense agency. Comm & Fin Chr 154:1464-5 D 11 '41; Same abr. Oil Paint & Drug Rep 140.7+ D 8 '41

Preparing for postwar problems; practical program for industry. Oil Paint & Drug Rep 142 3+ Ag 10 '42

Research advisory committee

Research advisory committee of the National association of manufacturers. Science 96:267 S 18 '42

NATIONAL association of margarin manufacturers

Margarin manufacturers association revived. Oil Paint & Drug Rep 141:7 F 23 '42

NATIONAL association of master plumbers

Annual meeting, 60th, Richmond, Va., June 1-4. Dom Eng 159.46+ Je; 44-5+ Jl '42

NATIONAL association of motor bus operators

Annual meeting, Chicago. Bus Transportation 21 457-61 O '42, Transit J 86 387-8 O '42

NATIONAL association of mutual insurance agents

Annual convention, Pinehurst, N.C. Nat Underw 45 6 N 6 '41

Annual meeting, 11th, New York, Oct. 12-14. Weekly Underw 147:912+ O 17 '42; Nat Underw 46:3+ O 15 '42

NATIONAL association of mutual insurance companies

Annual convention, Los Angeles. Nat Underw 45 5+ N 6 '41

NATIONAL association of mutual savings banks

Levi P. Smith heads savings assn., talk to the conference. Comm & Fin Chr 155 1860 My 14 '42

NATIONAL association of purchasing agents

Annual international convention, New York, May 25-27. Oil Paint & Drug Rep 141.3+ Je 1 '42; Steel 110:32-5+ Je 1 '42

NATIONAL association of real estate boards
Annual convention, Detroit, Nov. 4-7. Comm & Fin Chr 154:1230 N 27 '41; Arch Forum 75:sup52+ D '41
Committee officials, 1942. Comm & Fin Chr 155:563 F 5 '42
Realtors, lawyers form conference group. Comm & Fin Chr 156:25 J1 2 '42

See also

Home builders institute of America

NATIONAL association of secretaries of state
Proceedings, 24th conference, Los Angeles, Aug. 27-30, 1941 51p pa \$1 Council of state governments, 1313 E. 60th st, Chicago '41

NATIONAL association of securities dealers
Balloting results on NASD minimum capital amendment far from conclusive. Comm & Fin Chr 156:265+ J1 23 '42
Business conduct committee of NASD district 13 receives secretary's report on activity. Comm & Fin Chr 156:461 Ag 6 '42
Committees and chairmen announced Comm & Fin Chr 155:835+ F 26 '42
Dewar elected NASD chairman; other officers named at meeting of the Board of governors. Comm & Fin Chr 155:315 Ja 22 '42
Divided dealers Business Week p61+ Ag 1 '42
Few NASD members required disciplining. W H Fulton Comm & Fin Chr 156:885 S 10 '42
Interprets decision of numerous dealers to refrain from voting on minimum capital plan Comm & Fin Chr 156:355 J1 30 '42
Minimum capital proposal asks for blank check to rule members Comm & Fin Chr 155:2377 Je 25 '42
Minimum capital proposal would abolish cherished American tradition. Comm & Fin Chr 156:89+ J1 9 '42
NASD executive committee submits report opposing SEC bid asked disclosure rule to Commission Comm & Fin Chr 156:1619+ O 29 '42

N.A.S.D. seeks to drive all small securities houses out of business. J. Haynes. Comm & Fin Chr 155:2289+ Je 18 '42
NASD surveys members on business methods Comm & Fin Chr 155:1231 Mr 26 '42
Official results of vote on NASD minimum capital amendment. Comm & Fin Chr 156:453 Ag 6 '42
Proposes changes in by-laws; establishes minimum capital requirement. Comm & Fin Chr 155:2290+ Je 18 '42
Rift in N.A.S.D. Business Week p89-90 Je 27 '42
SEC to hold public hearings on minimum capital proposal. Comm & Fin Chr 156:443 Ag 6 '42
SEC told that NASD could not get counsel to approve legality of minimum capital plan. F. Dunne. Comm & Fin Chr 156:705+ Ag 27 '42

Some reactions of security firms to NASD minimum capital proposals. Comm & Fin Chr 155:2378+; 156:2+, 90+, 179, 267, 617+, 620+ 875 Je 25, J1 2, 9, 16, 23, Ag 20, S 10 '42
Text of SEC's opinion disapproving proposed minimum capital by-law of NASD Comm & Fin Chr 156:1618, 1627+ N 5 '42
Text of statement in SEC hearing on minimum capital proposal F. Dunne Comm & Fin Chr 156:625 Ag 20 '42

NATIONAL association of sheet metal distributors
Annual meeting, Atlantic City, Oct. 15 Sheet Metal Worker 32:69-70 N '41
Semi-annual meeting, Chicago. Steel 111:32, 50 O 26 '42

NATIONAL association of shippers advisory boards
Annual meeting, Chicago, Nov. 10-11. Ry Age 111:792-5 N 15 '41
Annual meeting, Chicago, Oct. 16. Ry Age 113:640-2 O 24 '42

What the shippers are doing; co-operation between carriers and their customers. Il Ry Age 112:1036-40 My 23 '42

NATIONAL association of tax administrators
Revenue administration, 1941; proceedings, 9th annual conference, Lexington, Ky., June 9-12, 1941 66p Federation of tax administrators, 1313 E. 60th st, Chicago '42

NATIONAL association of transportation advertising

National transportation advertising association formed Ptr Ink 198:30 Mr 13 '42

Transit rise to 20 billion fares reflects markets' rapid growth Sales Management 51:36+ N 1 '42

NATIONAL association of wool manufacturers
Annual meeting, New York, April 8 Textile World 92:77 My '42

NATIONAL automobile insurance company
Company analysis Spectator (Property ed) 8:38-9 O 1 '42

NATIONAL aviation corporation
Annual report. Comm & Fin Chr 155:603 F 7 '42
Brief appraisals of factors influencing market values H Lawrence Barron's 22:13 O 5 '42

NATIONAL banks. See Banks and banking, National

NATIONAL biscuit company
Another look Mag of Wall St 70:651 O 3 '42

Consolidated income statement for calendar years, 1938-1941 Comm & Fin Chr 155:828 F 24 '42

NATIONAL bituminous coal commission
National bituminous coal commission administration of the Bituminous coal act, 1937-1941 R H Baker 356p bibliog(p331-44) \$3 50; pa \$3 Johns Hopkins press, Baltimore '41

NATIONAL board of fire underwriters
Annual meeting, 76th, New York, May 28 East Underw 43:1, 19-20, 22 My 29 '42, Ins Field (Fire ed) 71:7-8 My 28 '42; Nat Underw 46:3+, 4+ Je 4 '42, Spectator (Property ed) 7:10-12+ My 28 '42; Weekly Underw 146:1205-9 My 30 '42
Committees for 1942 announced. East Underw 43:27 Je 12 '42

How advertising can build business R. P. Barbour Weekly Underw 146:24+ Ja 3 '42

"Pioneers of progress" tells of services of organization since founded East Underw 43:26 F 13 '42

Publications. Safety Eng 82:20-1 N '41

NATIONAL bondholders corporation
Distributions Comm & Fin Chr 155:364 Ja 24 '42

NATIONAL brands. See Advertising, National

NATIONAL broadcasting company
Mutual broadcasting system sues RCA-NBC; charges unlawful combination and conspiracy to restrict free and fair competition in radio field Comm & Fin Chr 155:192 Ja 13 '42

NBC red network had banner year in 1941. Comm & Fin Chr 155:307 Ja 20 '42

NBC sells artists service. Ptr Ink 197:71 D 19 '41

Network divorce? signs point to separation of NBC's Blue from Red chain by creating new corporation. Business Week p58-9 D 13 '41

Networks win court review of FCC rules. Comm & Fin Chr 155:2369 Je 22 '42

NATIONAL bureau of casualty and surety underwriters
Annual meeting, New York, May 13 East Underw 43:28 My 15 '42; Ins Field (Fire ed) 71:24 My 21 '42, Weekly Underw 146:1122 My 16 '42

Commended for war work Ins Field (Fire ed) 71:8-9 O 1 '42; East Underw 43:48+ S 25 '42

N.Y. report on National bureau. Nat Underw 46:19+ Ja 15 '42

NATIONAL bureau of standards. See United States—Standards, National bureau of

NATIONAL cannery association

Annual meeting, 35th, Chicago, Jan. 25-30.
Steel 110-26 F 2 '42; Mod Packaging 15.60,
62+ Mr '42

NATIONAL cash register company

Another look at your company. Mag of Wall
St 70.232-3 Je 13 '42

Good earnings despite higher taxes S Dev-
lin Mag of Wall St 70-518-19 Ag 22 '42

Low-priced stocks for large percentage gains;
with high and low figures, 1929-1942 Mag
of Wall St 70 594 S 19 '42

NATIONAL casualty company, Detroit

Company analysis Spectator (Property ed)
7 34-5+ D 11 '41

NATIONAL city bank of New York

Annual report to stockholders G. S.
Rentschler Comm & Fin Chr 155 338 Ja
22 '42

Celebrates 130 years of service, Bankers Mo
59 329 Jl '42

National City on the alert Bankers M 144
258-9 Mr '42

NATIONAL concrete masonry association

Annual meeting, Buffalo, Jan. 12-14 Concrete
50 10-13, 16, 20 F '42; Rock Prod 45 77-
83+ F '42

Kansas City and Atlanta meetings Concrete
50 11-14+ Mr '42; Rock Prod 45 77-8 Mr '42

NATIONAL conference group

Modernizing trust law, opportunities for joint
endeavor by lawyers and trust men W P
Armstrong Trusts & Estates 74 215-17 F '42

NATIONAL conference on labor legislation, Washington

Conference, 8th, Nov 12-14 Monthly Labor
R 53 1450-1 D '41

Conference, 8th, Washington, D C Nov 9-14,
1941 Int Labour R 45 426-9 Ap '42

NATIONAL conference on weights and measures

Cancellation of annual meeting Science 96
374-5 O 23 '42

NATIONAL conservation bureau

Bureau now in midst of vital wartime pro-
gram J. H. Harvey. East Underw 43:30
Ag 7 '42

NATIONAL consumer-retailer council

Going local, war conditions open way for
National council to put its consumer-retailer
relations program on city-by-city basis
Business Week p50+ Mr 28 '42

National consumer-retailer council publica-
tions of interest to teachers J Retailing
18 89+ O '42

NATIONAL cooperatives, inc.

Co-op label gains; National cooperatives, inc.
holds first merchandising clinic. Business
Week p60-3 Je 27 '42

Cooperatives to use standards for all grocery
products Ind Stand 12:307 N '41

NATIONAL cotton council of America

Annual meeting, 4th, Jackson, Miss. Jan. 26-
28 Textile World 92-100 F '42

NATIONAL cottonseed products association

Annual meeting, Houston, May 4-5 Oil Paint
& Drug Rep 141:49 My 18 '42

NATIONAL council of gas, coke and chemical workers

Lewis foes unite, gas, coke, chemical workers
organize new union Business Week p43
S 26 '42

NATIONAL council of independent petroleum associations

New national association formed by jobber
groups Nat Pet N 34 3+ O 7 '42

NATIONAL council of private motor truck owners

Annual meeting, Washington, Jan 27-28. Nat
Pet N 34:18 F 4 '42

NATIONAL council on compensation insurance

Report at annual meeting W. F. Roerber.
East Underw 42:102 D 12 '41

NATIONAL crushed stone association

Annual meeting, 25th, Cincinnati, Feb 24
Rock Prod 45 44-5, 48-59 Mr '42

NATIONAL cylinder gas company

Favored stocks priced from \$1 to \$10. Mag
of Wall St Manual p9 Ap '42
Thumbnail stock appraisal. Mag of Wall St
69 148 N 15 '41

NATIONAL dairy products corporation

Annual report Comm & Fin Chr 155 1313-
14 Mr 30 '42

How the dairy companies are adjusting to
war A B Wells il Mag of Wall St 69.
702-4+ Ap 4 '42

NATIONAL defense mediation board (now National war labor board)

Activities of Board; tabulation. Monthly
Labor R 53 982-3, 1425-6 O. D '41

NDMB into NWLB. Business Week p61+ Ja
17 '42

NDMB's quietus? if C.I.O. boycott continues,
Board may be supplanted by new agency.
Business Week p75 N 15 '41

NATIONAL defense research committee

Chemists and the national defense. J. B.
Conant News Ed 19 1237-8 N 25 '41; Same.
Science 94 563-4 D 12 '41

Mobilization of science in national defense.

F B Jewett Science 95 235-41 Mr 6 '42;

Same Inst Radio Eng Proc 30 113-18 Mr '42;

Same abr Mech Eng 64 13-16 Ja '42

Science and national defense. V. Bush. J

Ap Phys 12 823-6 D '41; Same Science 94:

571-4 D 19 '41

NATIONAL discount company

Ordinary annual general meeting, London.

Economist 142 164 Ja 31 '42

NATIONAL distillers products corporation

Annual report. Comm & Fin Chr 155 1015-16

Mr 9 '42

Debentures offered. Comm & Fin Chr 155:

1922-3 My 18 '42

How National Distillers is adjusting to war

A B Wells il Mag of Wall St 69 654-5,

676-7 Mr 21 '42

Outstanding stocks for income and profit.

Mag of Wall St 70.442 Ag 8 '42

Stocks cheap under highest taxes. P Dobbs.

Mag of Wall St 70.255-6 Je 13 '42

Thumbnail stock appraisal. Mag of Wall St

69 264 D 13 '41

NATIONAL district heating association

Annual meeting, 33d, Dayton, June 11-12.

Heat & Ven 39.30-2 Jl '42; Heating-Piping

14.403-4 Jl '42

NATIONAL drug trade conference

Annual meeting, Washington, D C Oil Paint

& Drug Rep 140.3+ D 15 '41

NATIONAL electrical code

Non-metallic sheathed cable wiring; under

code amendment nos 43 and 44. E S.

McConnell. Edison Elec Inst Bul 10.337-9

S '42

Revisions of National electrical code, 1940

edition J C Langdell. Edison Elec Inst

Bul 9 451-5 N '41

Two new electrical code amendments. Elec W

News ed 118 690 Ag 29 '42

War-time developments in electric wiring.

E S McConnell Edison Elec Inst Bul 10:

93-4 Mr '42

Wartime enforcement of the National elec-

trical code, commonsense review of interior

wiring standards is required. S B. Clark.

Elec West 88.41-2 My '42

NATIONAL electrical manufacturers associa-

tion

Annual meeting, New York. Elec W News ed

118:1515-16 N 7 '42

NATIONAL electrical safety code

Crossing requirements of the safety code;

fourth and fifth editions compared. W. L.

Cone and C. C. Gaddis Elec West 88:39-41

My '42, Discussion. 88.98-9 Je '42

Safety rules for electrical work are brought

up-to-date, fifth edition of National elec-

trical safety code approved by American

standards association. A. B. Campbell. Ind

Stand 13 29-32 F '42

NATIONAL emergency steels. See Steel—

Standards

NATIONAL federation of sales executives
Annual conference, 7th, New York. Sales Management 50:56-7+ Je 15 '42
Convention in New York. Ptr Ink 199:19 Je 12 '42

NATIONAL federation of textiles
Directors' meeting, May 13. Textile World 92:73 Je '42

NATIONAL fertilizer association
Annual convention, Hot Springs, Va. June 18-20. Oil Paint & Drug Rep 141:7-4 Je 22: 3+ Je 29 '42, Chem Ind 51:54-6, 105 J1 '42
Annual southern convention, 17th, Atlanta, Nov. 17-19. Oil Paint & Drug Rep 140:3+ N 24 '41

NATIONAL fire protection association
Annual meeting, 46th, Atlantic City, May 11-15. Ins Field (Fire ed) 71:12-13 My 14 '42; Nat Underw 46:1+ My 14, 3+ My 21 '42, Spectator (Property ed) 7:16-17+ My 14; 13-14 My 28 '42; Weekly Underw 146: 1101+ My 16 '42
Fire control in wartime. P Bugbee. Weekly Underw 146:28+ Ja 3 '42
Fire protection association amends rules on air conditioning and welding. Heating-Piping 14:409 J1 '42

NATIONAL foreign trade council
New revised foreign trade definitions. L. Kerr. Bankers M 144:12-18 Ja '42
NATIONAL foundation for infantile paralysis
Grants. Science 95:116 Ja 30 '42

NATIONAL founders' association
Annual meeting, 45th, New York, Nov 12-13. Foundry 69:65+ D '41, Steel 109:24-5+ N 17 '41

NATIONAL fraternal congress of America
Annual meeting, 56th, Chicago, Sept 28-Oct 1. Ins Field (Life ed) 71:19-20 O 9 '42, Nat Underw (Life ed) 46:28 O 2, 6+ O 9 '42; Weekly Underw 147:824 O 3 '42

NATIONAL fuel gas company
Holding company owning entire capital stocks of ten operating companies, and a majority interest in several others. Pub Util 30:301-2 Ag 27 '42

NATIONAL geographic society
Brief by E. Hanson, counsel before the committee on the District of Columbia. United States Senate in re S 2673, a bill to define the real property exempt from taxation in the District of Columbia. Chem & Eng N 20:1094-8 S 10 '42

NATIONAL grange
President greets Grange on 75th anniversary. Comm & Fin Chr 154:1339 D 4 '41

NATIONAL graphic arts emergency council
George L. Berry heads new council. Inland Ptr 108:75-6 F '42

NATIONAL gypsum company
Annual report. Comm & Fin Chr 155:1411-12 Ap 6 '42

Debuture issue approved. Comm & Fin Chr 154:1598 D 20 '41

Growth stocks and the investor. E. N. Chapman. Barron's 22:8 Ja 5 '42

Office building, views, plans, construction outline. Arch Forum 77:62-9 O '42

NATIONAL hardwood lumber association
1941 yearbook and official report; 44th annual convention, Sept. 18-19, 1941, Atlanta. 154p. \$1. The association, 59 E. Van Buren st., Chicago '41

NATIONAL home builders' association (now National association of home builders)
Homebuilders to unite to work with government. Comm & Fin Chr 156:180 J1 16 '42
Meeting, Philadelphia. Am Bid 64:59+ My '42

NATIONAL homes corporation
Representative prefabricator. Il Arch Forum 76:89-90+ F '42

NATIONAL housing act. See Housing laws

NATIONAL housing agency
Federal housing agencies consolidate into National housing administration. Brick & Clay Rec 100:15 Mr '42

Housing agency reformed by President. Oil Paint & Drug Rep 141:7+ Mr 2 '42

Housing as usual; creation of NHA marks return of war problem to the old USHA crowd. Business Week p24+ Mr 28 '42

Housing for war; millions of war workers need decent shelter; to give it to them, we must accept billeting and requisitioning. Il map Fortune 26:92-6+ O '42

NHA chief begins organization task to put agency in full operating order. Eng N 128: 365 Mr 5 '42

New National housing agency created. H. D. Ralph. Burroughs Clearing House 26:15-16 Ap '42

President consolidates war housing activities in a single national agency. Am Bid 64: 102 Ap '42

President merges housing agencies under single head. R. R. Dickey. Arch Rec 91: 16+ Mr '42

President reorganizes government agencies. Comm & Fin Chr 155:955 Mr 5 '42

President's unification of sixteen housing agencies, with charts showing old and new housing organizations. Arch Forum 76: 137, 141-2 Mr '42

Shakeup in federal housing consolidates many agencies. Eng N 128:313 F 26 '42

See also

Federal public housing authority

NATIONAL Industrial advertisers association
Atlantic City meeting marks twentieth anniversary. Ind Marketing 27:13-16, 66 Ag '42
Membership roster. Ind Marketing 27:103-57 O '42

NIAA victory promotions plan available to all advertising men. Ind Marketing 27: 53+ N '42, Factory Management 100:268+ N '42

Twentieth anniversary war conference. C. B. Larrabee. Ptr Ink 200:24, 28+ J1 10 '42

Victory plan, N.I.A.A. maps program to give the industrial advertising man a comprehensive blueprint for successful war drives. Business Week p60 N 7 '42

NATIONAL industrial conference board
Conference board elects Fred Kent chairman, other officers. Comm & Fin Chr 155:2128 Je 4 '42

List of current publications and annual index to the Economic record, the Management record, Conference board reports, Road maps of industry. 36p. Nat. ind conf bd '41

NATIONAL Industrial sand association
Annual meeting, Chicago, June 4-5. Rock Prod 45:74-5+ J1 '42

NATIONAL industrial traffic league
Annual meeting, Chicago, Nov 13-14. Ry Age 111:885-7 N 22 '41

NATIONAL inventors council
Fields in which new ideas would be welcome. Science 95:12 Ja 2 '42

Invention for defense. L. B. Lent. Mech Eng 64:20-2 Ja '42

Mobilizing the nation's inventive brains. Elec Eng 61:51-3 Ja '42

War! stimulus for inventions. A. Toombs. Radio N 27:13+ Je '42

NATIONAL investors corporation
Now a member of Tri-continental group. Comm & Fin Chr 155:505 Ja 31 '42

NATIONAL junior achievement, inc. See Junior achievement movement

NATIONAL labor relations act. See Labor laws and legislation—United States

NATIONAL labor relations board
Bar NLRB from plants with secret war work. Comm & Fin Chr 156:463 Ag 6 '42

CIO vs CFI, steelworkers' vote spells the end of Colorado Fuel & Iron employee organization. Business Week p92-3 Ag 15 '42

Employers curbed; order by NLRB restraining M & M and other groups, marks end of era in Los Angeles labor history. Business Week p19-20+ D 13 '41

NATIONAL labor relations board—Continued

Jurisdiction sustained by Supreme court in two cases Monthly Labor R 54:453 F '42
Labor board must clarify attitude on employer's views; Virginia electric & power company case. Oil Paint & Drug Rep 140: 3+ D 29 '41
National labor board decision upholds professional status of chemists Chem & Eng N 20 165-9 F 10 '42
NLRB amplifies technical violation ruling. Business Week p59-60 Ja 24 '42
NLRB in high; backed by War labor board Business Week p59-60 Ag 29 '42
National labor relations board order enforceable against liquidated firm, upheld in determination of bargaining rights Monthly Labor R 54 700-1 Mr '42
NLRB wins two Business Week p77 My 2 '42
Public control of labor relations, a study D O Bowman 504p \$5 Macmillan '42
Significant labor developments Factory Management 100 69+ Mr. 216+ My; 212+ Je; 205-6+ Jl, 242+ S, 220+ O, 216+ N '42
Upholds Labor board in Newark Ledger case Comm & Fin Chr 154 1672 D 25 '41

NATIONAL labor union

William H Sylvius and the national labor union C Todes 128p bibliog(p117-20) 75c International publishers, New York '42

NATIONAL lime association

Open new opportunities for lime; National lime association has developed research program Rock Prod 45 44-7 Jl '42

NATIONAL machine tool builders' association

Annual meeting, 41st, New York, Oct 5-6 Steel 111 42-3 O 12 '42, Iron Age 150:164 O 8 '42, Am Mach 86 1192e-1192f O 15 '42; Mach 49 209-10 N '42

NATIONAL malaria society

National malaria committee, name changed; officers Science 94 555 D 12 '41

NATIONAL malleable and steel castings company

Common stocks in strategic position Mag of Wall St 69 503+ F 7 '42

Consolidated income account, 1938-1941 Comm & Fin Chr 155 1412 Ap 6 '42

Favored stocks from \$10 to \$25 Mag of Wall St Manual p14 Ap '42

NATIONAL mediation board

Report for year ended June 30, 1941. Ry Age 112 172+ Ja 10 '42

NATIONAL metal congress

Congress, 24th, Cleveland, Oct. 12-16 Iron Age 150 37-52 O 22 '42; Steel 111:30-3 O 19 '42

Technical program Iron Age 150 238-42 O 1 '42, Blast F & Steel Pl 30:1027-9 S '42; Metal Finishing 40 519-23+ O '42; Metal Prog 42 498-511 O '42, Steel 111:209-10+ O 5 '42, Metals & Alloys 16:674+ O '42

NATIONAL metal exposition

Display castings at the metal show Il Foundry 69 62-3+ D '41

Guide to booths; exhibitors and products. Steel 111 222-4+ O 5 '42; Am Mach 86 1071-4 O 1 '42; Iron Age 150 234-5, 242-3 O 1 '42, Metal Prog 42 514-15 O '42; Metals & Alloys 16:694+ O '42

Service to war industries was keynote of 1942 metal show. Il Ind Marketing 27 29-32+ N '42

Show in print, new equipment, accessories and materials on display at National metal show. Cleveland, Oct. 12-16 Il Am Mach 86:1064-70 O 1 '42

NATIONAL metal trades association

Annual meeting, 44th, New York, May 19-20 Am Mach 86:532k My 28 '42; Mach 48 159 Je '42, Steel 110 66-7 My 25 '42

NATIONAL needlecraft bureau

Home sewing advertising is on the mend G. Murray, Il Ptr Ink 200 23-4+ S 4 '42

Sew and save, war-time theme for Needlecraft bureau and sponsors. Il Ptr Ink 198: 36+ Mr 6 '42

NATIONAL noise abatement council

Report of activities G. P Little and F E McGee. Acoustical Soc Am J 13:211-13 Ja '42

NATIONAL oil products company

Debentures offered Comm & Fin Chr 155 1412 Ap 6 '42

Growth stocks and the investor E. N. Chapman Barron's 22 8 Ja 5 '42

High yield stocks S Devlin. Mag of Wall St 69 659+ Mr 21 '42

Rare chemicals sold to National Oil Products Oil Paint & Drug Rep 142:3+ Ag 10 '42

NATIONAL paint, varnish and lacquer association

Biographical sketches of new officers and zone vice-presidents Paint Oil & Chem R 103 13-14 N 20 '41

Committees appointed for 1942. Oil Paint & Drug Rep 141 5+ Mr 9 '42

Convention-at-home, annual statutory meeting, 54th, Washington, D C, Oct. 29 Oil Paint & Drug Rep 142 41-2+, 44, 46-8 N 2, 44+ N 16 '42, Paint Oil & Chem R 104:9-24, 24B-24C N 5 '42

Manufacturing and wholesale members added since Jan 1, 1942 Paint Oil & Chem R 104 66-7 N 5 '42

Scientific section; technical developments in 1942 H A Gardner Paint Oil & Chem R 104 87-9 N 5 '42

NATIONAL paper trade association

Annual meeting, 39th, New York, Feb 16-19 Paper Tr J 114 92-4 F 19 '42

NATIONAL paperboard association

Annual meeting, New York, Nov 12-13 Paper Tr J 113 118 N 27 '41

NATIONAL park service. See United States—National park service

NATIONAL parks and reserves

Study of the park and recreation problem of the United States 279p US Nat park service, Washington; pa \$1 25 Supt. of doc '41

WSEL protects Blue Ridge parkway, S. R. Winters Il Radio N 26 29-30+ D '41

Roads

Blue Ridge parkway nears completion. Il Roads & Sts 85 44, 47-8 Ap '42

Roads and trails in the national parks of Canada Roads & Bridges 80 52 My '42

Canada

Improved roads increase travel to national parks Roads & Bridges 80 81 Ja '42

Great Britain

National parks and reserves in Great Britain Science 95 243-4 Mr 6 '42

NATIONAL parks association

Resolutions Science 96:198 Ag 28 '42

NATIONAL petroleum association

Annual meeting, 40th, Pittsburgh, Sept 17-18 Oil & Gas J 41 60-1 S 24 '42, Nat Pet N 34 13-18 S 23 '42

Meeting, Cleveland, April 16-17. Nat Pet N 34 15-16 Ap 22 '42

NATIONAL power and light company

Appraisal of assets O Ely Barron's 21 7 D 8 '41

Common stockholders approve exchange of stock. Comm & Fin Chr 155:506 Ja 31 '42

New exchange program approved by SEC Comm & Fin Chr 155:2369 Je 22 '42

Plans to exchange stock Comm & Fin Chr 155 364 Ja 24 '42

To liquidate preferred stock; SEC approves plan to acquire issue in exchange for Houston Lighting common Comm & Fin Chr 155 57-8 Ja 3 '42

To revise liquidation plan Comm & Fin Chr 155 1923 My 18 '42

NATIONAL provincial bank

Statement circulated to the shareholders C F Campbell Economist 142 125-6 Ja 24 '42

NATIONAL publishers association

Annual meeting, 11th, Skytop, Pa Ptr Ink 200:74 S 25 '42

NATIONAL railroad adjustment board

U.S. Circuit court of appeals refuses to review case brought by Washington terminal company to test Board's power to interpret featherbed rules Ry Age 111 888+ N 22 '41

NATIONAL ready-mixed concrete association

Annual meeting, 12th, Cincinnati, Jan 28-30. Concrete 50 18+ Mr '42

Directors and committee meetings, Chicago. Rock Prod 45 62-3+ J1 '42

Technical problems committees, joint meeting, Chicago, June 8 Concrete 50 20 J1 '42

NATIONAL refining company

Plans to purchase its preferred stocks Comm & Fin Chr 156.1331 O 12 '42

NATIONAL research council

Fellowships in the medical sciences. Science 94:580 D 19 '41

National research council and co-operation in geological research W H Bucher bibliog Geol Soc Bul 53:1331-53 S '42

National research council fellowships in the natural sciences Science 95 524-5 My 22 '42

National research council's committee on the applications of the electron microscope Science 95:348-9 Ap 3 '42

War work Science 96 sup10 Ag 7 '42

Division of geology and geography

Report W. H. Bradley Geol Soc Proc 1941 67-9 Mr '42

NATIONAL research council of Australia

Australian national research council, review of activities, 1941. Science 95 279-80 Mr 13 '42

NATIONAL research council of Canada, Ottawa

Review of activities for the year ended March, 1941 126p pa 75c The council, Ottawa '41

War work of the Canadian research council. Science 95 63-4 Ja 16 '42

Wartime research; activities of the Division of chemistry F G Green il Can Chem & Process Ind 25 611-13 N '41

NATIONAL retail lumber dealers association

Lumber dealers association gets price-fixing order. Oil Paint & Drug Rep 141:5 Ja 12 '42

NATIONAL roster of scientific and specialized personnel

See Scientists, Technical workers

NATIONAL safety council

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- | | |
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| Lacquer and lacquer- | Pigments |
| ing | Tung oil |
| Linseed oil | Varnish and varnish- |
| Paint factories | ing |
| Paint materials | |

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- Paint materials

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| Digesters (paper making) | Paper mills |
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| Elasticity | Photoelasticity |
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| Electrons | Physical research |
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Culverts	Pipe lines
Electric conduits	Piping
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| Clay | Printing plates, Plastic |
| Color in plastic materials | Resinous products |
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Plumbing trade

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Railroads feel rising trend of material costs D A Steel 11 Ry Age 112 82-91 Ja 3 '42

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Australia's railways built to many gages map Ry Age 112 754-5 Ap 11 '42

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Revolution in railroad grading equipment and methods 11 Ry Age 112 536-41+ Mr 14 '42

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Rats**RODENTS as carriers of infection**Isolation of coccidiosis from soil and rodents. C. W. Emmons. *bibliog Pub Health Rep* 57 109-11 Ja 23 '42**RODS**Operational theory of longitudinal impact. L. A. Pipes. *diags J Ap Phys* 13 503-11 Ag '42*See also*Connecting rods
Steel rods**ROENTGEN rays. See X rays****ROHR aircraft corporation**Stock offered *Comm & Fin Chr* 154 1416-17 D 9 '41**ROLLER bearings**Adequate lubrication keeps anti-friction bearings rolling *J I Clower il diags Power* 86 38-40 Ja '42Development of ball bearing and roller bearing greases H. M. Fraser *diags Nat Pet* N 34-R22, R24, R26+ Ja 21 '42More about cageless roller bearings E. Wittman *Power* 86 730 O '42New design Bantam quill bearings *diag Paper Tr J* 115-19 JI 16 '42Pump and bearing lubrication practice. V. M. Palmer and C. L. Pope *Power Pl Eng* 46 72-3 Ja '42Reclamation of ball and roller bearings; practices of various companies. *Transit J* 86.109-10 Mr '42Roller-bearing experience on passenger cars; Car department officers' assn committee report. *Ry Mech Eng* 116 465-7 N '42Roller bearings and national defense T. V. Buckwalter *il diags S A E J* 50 20-36 Ja '42Roller bearings for 1800 rpm H. E. Osgood. *diags Power* 86.567 Ag '42**Advertising**Timken bearing starts third chapter in story to railroads F. H. Lindus *il Ind Market-ing* 27 16-17+ F '42**Manufacture**Converting single-spindle automatics to speed up bearing production; Timken roller bearing co *il Mach* 48-136-8 F '42; *Automotive & Aviation Ind* 86 41 F 1 '42; *Steel* 110.70 F 2 '42Emergency roller bearings *il Power* 86-422-3 Je '42; *Discussion G. Holman. 86 566-7 Ag '42*Machining cones and cups for railway roller bearings *il Mach* 49 190 O '42Single spindle automatics adapted for larger work. Timken roller bearing co *il Iron Age* 149 63 F 26 '42Spot welding simplifies bearing assembly *diag Iron Age* 150-45 O 22 '42Timken steams ahead *il Power* 86 386-8 Je '42Timken tapered roller bearings speed up railway transportation W. C. Sanders *il Mach* 48 174-9 Ap '42Use roller bearings, they're easy to make G. Holman *diags Power* 86-405 Je '42**Testing**Large surface plate with unusual rib design; used for checking outer races of roller bearings *il Mach* 48:157 D '41**ROLLER chain drive. See Chain gear****ROLLER skates**Plastics competition award to Union hardware co.; roller skate wheels *il Mod Plastics* 19:146-7 N '41**ROLLERS**Portable rollers turn cylinders for welding *il Factory Management* 100-124 JI '42**ROLLERS, Printers'**Blast cleaning of printing roller cores. *Rubber Age* 50:274 Ja '42Platens revived; grinding process developed by Studebaker. *il Business Week* p66 O 24 '42**ROLLING (metal work)**Active pass contours in wide strip rolling W. J. Blienko *bibliog Blast F & Steel Pl* 30-649-55+ Je '42; *Excerpts Metals & Alloys* 16 304 Ag '42Economical rolling. A. E. Lendl *il diag Blast F & Steel Pl* 30 1126-30 O '42Flattening sheets and strip by roller leveling F. W. Robertson *il diags Steel* 110 84, 88+ Mr 16 '42Folding cracks on rolling steel; abstract. A. Pomp and W. Lueg *Iron Age* 149 65 Mr 12 '42Influence of crystal structure on the cold rolling and annealing of copper strip M. Cook and T. L. Richards *Metal Prog* 41: 53+ Ja '42Longitudinal ridged structure in the tin coating of tin-plate B. Chalmers and W. E. Hoare *diags Iron & Steel Inst J* 144 127-32, pl 17 no 2 '41, *Same cond Engineering* 153 79-80 Ja 23 '42Röchling wide strip mill. *Iron Age* 150 63+ Ag 6 '42Roll-forming metal sections in a British airplane plant *diags Mach* 49 175-8 S '42Roll pressures in rolling steel strip J. D. Keller *diags Steel* 111 160, 162, 164+ S 14 '42Rolling of a magnesium alloy W. R. D. Jones and L. Powell *Engineering* 152 345-6, 405-6 O 31, N 21 '41, *Abstract Metal Prog* 41 72+ Ja '42Shell steel manufacture. C. M. Lichy *il Metal Prog* 41 42-3 Ja '42Sintered, forged and rolled iron powders C. G. Goetzl *il Iron Age* 150 82-4, 87-92 O 1 '42Tension and compression stress-strain characteristics of cold-rolled austenitic chromium-nickel and chromium-manganese-nickel stainless steels R. Franks and W. O. Binder *bibliog J Aeronautical Sci* 9 419-38 S '42Witter shell-forging process J. H. Loux *il diags Mech Eng* 64 123-9 F '42*See also*Rolling mills

Tables, calculations, etc.Roll more tons, practical roll calibration calculations A. E. Lendl *diags Blast F & Steel Pl* 29 1202-6+ D '41**ROLLING mills**Armco introduces Sendzimir mill *il diags Iron Age* 150 55-7 JI 23 '42Big Steel's land, sold *Business Week* p18+ S 26 '42Dramatic details revealed in strip mill conversion story *il Iron Age* 150 98, 100-1 Ag 6 '42English steel company installs new type mill for rolling narrow strip *il Blast F & Steel Pl* 30 696 Je '42Irvin works tops plate record by 41,000 net tons *il Iron Age* 149 87-8 Je 18 '42; *Same Steel* 110 36-7 Je 15 '42

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New German wide strip mill, abstract *Metals & Alloys* 16 478 S '42Novel cold reducing mill; involving use of both rolling and drawing action W. A. Phair *il diags Iron Age* 149 76-7 My 7 '42Röchling wide strip mill. *Iron Age* 150-63+ Ag 6 '42Steelworks expansion in 1941. J. D. Knox *Steel* 110 262, 264-6+ Ja 5 '42Urges use of strip mills for plates. J. Malborn *Steel* 110:44 Ja 26 '42*See also*

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BearingsNonmetallic bearings for steel mill service. F. W. Vogt. *il Steel* 111:78, 80 JI 20 '42Protection for roll neck bearings. *il Blast F & Steel Pl* 29:[1150-1] N '41

ROLLING mills—Bearings—Continued

Roller bearings and national defense T. V. Buckwalter. *il* diags S A E J 50 27-9 Ja '42

Rolling mill bearings, composite of abstracts Metals & Alloys 15 286- F '42

Costs

Economical rolling A E Lendl *il* diag Blast F & Steel Pl 30 1126-30 O '42

Electric equipment

Cold rolling strip steel at 3900 feet per minute; Carnegie-Illinois steel corp J D. Campbell and J R Taylor *il* Steel 110 78, 82- F 16, 78, 80, 82 F 23 '42

Developments in rolling mill electrical equipment A F Kenyon *il* Blast F & Steel Pl 30 64-6-+ Ja '42

Electrical developments in the steel industry during 1941 F. Mohler *il* Blast F & Steel Pl 30 55-8 Ja '42

How to maintain constant linear speed and tension in material being unwound from one reel onto another; reel drive of strip grinding and polishing machine E S Murrah *il* diag Gen Elec R 44 625-7 N '41, Same Steel 110 78, 80 Mr 30 '42

How to measure the width of moving webs or strips, photoelectric devices, production of textiles, paper, and strip metal, E. H. Alexander *il* diags Gen Elec R 44 615-17 N '41

Maintenance of electrical equipment in steel plants M J Wohlgemuth *il* Steel 111 153, 156-+ S 14 '42

Switchgear for modernizing hot strip mills W N Gittings *il* Steel 110 67-8-+ F 2 '42

Employees

See also

Steel workers

Equipment

Algoma steel corporation, ltd, its products have promoted the industrial growth of Canada C Longenecker *il* diag plan Blast F & Steel Pl 30 125-32 Ja '42

Carnegie-Illinois utilizes old equipment to convert mill to roll heavy plates *il* Blast F & Steel Pl 30 920 Ag '42, Same, Marine Eng 47 249 O '42

Converts world's widest strip mill to plate production *il* Steel 111 72-3, 110 S 7 '42

Developments in strip steel finishing lines R J Wean *il* Steel 110 85, 88 Ap 6 '42

Flattening sheets and strip by roller leveling F W Robertson *il* diags Steel 110 84, 88-+ Mr 16 '42

Improvements in hot-coil conveyors J E McBride *il* diags Steel 110 70, 72-+ Mr 30 '42

Semicontinuous pickler for cleaning 24-inch strip *il* Steel 109 66-7 D 29 '41

Welding aids mill maintenance, S D. Baumer. *il* Steel 111 56-8, 60, 62 Jl 27 '42

Welding saves loss of two months on slab mill *il* Blast F & Steel Pl 30 459-60 Ap '42

See also

Furnaces, Heating

Heating and ventilation

Motor room ventilation in steel mills T. J. Ess diags plans Heat & Ven 39 25-30 Ag '42

Lubrication

Centralized steel mill lubrication G H Kauffeld *il* diags Blast F & Steel Pl 30. 59-63 Ja '42

Palm oil substitutes, roll oils and coolants for the cold mill, abstract M. Reswick Iron Age 150.53-4 O 8 '42

Management

Economical rolling A. E Lendl. *il* diag Blast F & Steel Pl 30:1126-30 O '42

Power

See also

Electric driving—

Rolling mills

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Auxiliary drive for starting heavy rolls. *il* diag Product Eng 12:638 D '41

Explosion of a paper machine roll causes extensive damage. Locomotive 44:48-9 Ap '42

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New Goodrich press roll *il* Paper Tr J 115: 19 S 24 '42

Plain and suction extractor rolls and their effect on wire life O C. Cordes *il* Paper Tr J 114 80-4 Je 25 '42

Reducing weight of calender rolls, diags Pulp & Pa of Can (Convention no) 43 116-17 [F] '42

Supercalender rolls, their conditioning and maintenance W R Stapley *il* Paper Ind 23 789-90-+ N '41

Water and oil circulate through bearings; calendering rolls in Rice Barton paper making machinery *il* diags Product Eng 13:375 Jl '42

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Internal stresses in cast iron rolls in relation to service conditions N Krupnik. Blast F & Steel Pl 30 164-5-+, 268-70, 376-7 Ja-Mr '42

Roll more tons, practical roll calibration calculations A E Lendl diags Blast F & Steel Pl 29 1202-6-+ D '41

Manufacture

Casting alloy rolls P R. Ramp. *il* diags Iron Age 149 60-1 F 12 '42

Incentive for production, Ohio steel foundry co roll turning and machine operations J M Dugan and G D Griffiths *il* Iron Age 150 56-60 Ag 20 '42

New roll making technique P Dwyer diag Foundry 70 138-42 O '42

ROOF gutters See Gutters (roof)**ROOFING**

Fire resistant roofing proved in grueling tests. *il* Sci Am 167.58-9 Ag '42

Gypsum lays siege to replacement roofing market with 9-lb sales plan *il* Sales Management 50 22-4 My 15 '42

Packing, insulation and roofing Paper Ind 24 526-8 Ag '42

Roof construction and repair, dealing with slate, tile, asbestos-cement, felt, and concrete roofs. E Molloy, ed 120p \$2 50 Chemical pub co '42

See also

Roofs

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Report of A S T M committee D-8 on bituminous waterproofing and roofing materials Am Soc T M Proc 41:379-86 '41

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New copper roof for City hall, New York. *il* diags plan Sheet Metal Worker 33 25-8-+ F '42

ROOFING felt. See Felt, Roofing**ROOFS**

A-frames aid erection of 300-ft. trusses. *il* Eng N 129:150-2 Jl 30 '42

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- Plywood girders roof a warehouse; RCA manufacturing co *il* *diag* Eng N 128 625-6 Ap 23 '42
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- Wartime approach to prefabrication *diags* plans Arch Forum 77 78-80 JI '42

See also

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|--------------|----------------------|
| Architecture | Mine roofs |
| Building | Roofing |
| Girders | Strains and stresses |

Repair

- Home repair and maintenance *il* Consumers' Research Bul 9 10-12 Ja '42
- Repairing roofs without priority materials, two sprayed on coatings of transparent mastic and slate granules *il* Sheet Metal Worker 33 27-8+ O '42

ROOFS, Concrete

- Monolithic concrete barrel-roof design for U.S. navy supply depot *il* *diag* Concrete 50 5-6 My '42
- Navy builds concrete hangars at San Diego; thin-shell barrel-type arch structures. *il* Eng N 127 786-8 D 4 '41
- Wide-span hangars for the U.S. navy; reinforced concrete structures of unique design A. Tedesko. *il* *diags* Civil Eng 11: 697-700 D '41

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- Domed building fitted to research needs; structure to house cyclotron at University of California *il* *diags* Eng N 128 536-8 Ap 9 '42
- Manufacturing the famous Porcelok roofing and sliding *il* Cer Ind 39 37-9 JI '42
- Sheet metal workers' catechism (cont). W. Neubecker *diags* Sheet Metal Worker 33: 38+ F; 29+ Mr; 29+ My; 27+ JI; 34+ N '42

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- Master room for 194x, one-room apartment. *il* plans Arch Forum 77:92-5 S '42
- Standards for room sizes; study by E. Coit plans Arch Rec 91 74-5 Ap '42

See also

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|-----------|------------------|
| Bathrooms | Living rooms |
| Bedrooms | Recreation rooms |
| Kitchens | |

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- FDR vows defeat of tyrants; praises navy at dedication of Naval medical center Comm & Fin Chr 156:811 S 8 '42

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Honor United nations at Flag day ceremony; President's address. Comm & Fin Chr 155: 2399 Je 25 '42

Mr Roosevelt 60 years old Comm & Fin Chr 155 420 Ja 29 '42

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See also

Wire rope

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See also**Autogiros****ROTORS (electric machinery)**

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- Spins parts in vacuum in new testing technique, stress-coat analysis system for testing rotors II Steel 110:99+ Ap 13 '42

ROTPROOFING. See Textile fabrics—Protection**ROUGHNESS meter.** See Profilometer**ROUMANIA.** See Rumania**ROUNDHOUSES****See also**

- Locomotive shops
- Railroads—Shops

ROUREA glabra

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- RUBBER**
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Advertising
 Automobiles, Salesmen's
 Complaints
 Dealer helps
 Display of merchandise
 Gas companies—
 Salesmen
 Marketing
 Printing trade—
 Salesmen

Sales contests
 Sales conventions
 Sales departments
 Sales manuals
 Sales policies
 Sales promotion
 Sales records
 Salesmanship
 Salesmen
 Salesmen's reports
 Side lines

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SALES mergers. See Sales policies—Combination selling

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Joyce licks production peaks and valleys, then rations everybody, play shoes J. H. Collins *il Sales Management* 51 42-4 S 15 '42

Management's first duty a sound grand strategy for sales O. Lucas *Sales Management* 49 18-20+ N 15 '41

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Plan that cut credit period, reduced average account from 120 to 60 days R. McDaniel *Credit & Fin Management* 44 39 Ja '42

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Sales management during this national crisis. B. Bigelow *Dun's R* 49 20-4+ D '41

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See also

Advertising policies	Marketing
Canvassing	Premiums (merchandizing)
Catalogs	Price fixing
Christmas business	Price policies
Complaints	Private brands
Credit	Products, improved
Dealer helps	Sales management
Dealer relations	Sales promotion
Discount, cash	Salesmen and credit
Display of merchandize	Samples (merchandizing)
Installment plan	Side lines
Jobbers	

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Carrier distributes allied lines to keep dealers in business *Sales Management* 50 22+ Je 1 '42

Sales forces get substitute lines *Adv & Sell* 35 53 Je '42

Whv Heinz and Sun-Maid merged their selling H. L. Scott *Adv & Sell* 35 22 N '42

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Advertising managers find many leaks as war causes them to economize, field survey departments P. Salisbury, ed *Sales Management* 50 70-1 Je 15 '42

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Clepac promotional service *Paper Tr J* 114 17 Ja 8 '42

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Disston conservation control plan is far-visioned effort *il Ind Marketing* 27 20-1+ Mr '42

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Help-retailers-sell plan builds 40,000,000-a-year pattern volume, Simplicity pattern company *il Sales Management* 50 56-8 Ja 15 '42

How to promote the sale of your wares through the dime stores F. W. Nye *il Sales Management* 51 22-4 S 15 '42

Industry's war on waste of time, labor and materials exemplified in Disston's campaign, cards instruct in care and use of tools W. Gebhart *Ptr Ink* 198 19-20 F 13 '42

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Practical ideas for contacting customers between sales calls L. Valenstein *Sales Management* 49 46+ N 15 '41

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Promotion programs assume form of training within industry *il Ind Marketing* 27 44+ Je '42

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- Puppet rodeo that sold Levi Strauss work clothes now boosts war bonds R P Cronin *il Sales Management* 50 28, 31+ My 1 '42
- Salesmen's club wins jobber push for Miller lighting equipment *il Sales Management* 49 56+ D 1 '41
- Sellers' market? then we push harder, says Frintz-Biederman *il Sales Management* 51 58 S 15 '42
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See also

- | | |
|---------------------|-----------------------|
| Advertising cam- | Instruction in use of |
| paigns—Special | product |
| weeks | Premiums (merchan- |
| Exhibits, Traveling | dizing) |
| | Sales campaigns |

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- Promotion efforts more and more devoted to speeding war production *il Ind Marketing* 27 50, 54, 56 Ag '42

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- Keep sales records in writing A M Sullivan *Ptr Ink* 199 56 My 1 '42

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- Sales-testing thrives in today's market F R Coutant *Adv & Sell* 35 46+ Mr '42

See also

- Market research

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- Price ceiling and taxation P Haensel Trusts & Estates 74 560-1 Je '42
- Pro, con federal sales tax, Morgenthau opposes as severe burden to lowest income group *Comm & Fin Chr* 155 1150-1 Mr 19 '42
- Real estate group opposes federal sales tax, urges co-ordination of entire tax structure *Comm & Fin Chr* 155 1446 Ap 9 '42
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- Says sales tax offers advantages in wartime M A Linton *Comm & Fin Chr* 155 1784 My 7 '42

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See also

- Spending tax
Stock transfer tax

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- Milk by half gallon, Safeway chain Business Week p60-1 N 15 '41

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- Can we pull up the slack in selling? E Whitmore Am Business 12 20-2 My '42

- Elmer goes to war, shortcomings in our salesmanship Business Week p61-4 F 7 '42

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- How to sell and win through coordinated demonstration, illustration and explanation J Maratta 63p \$1 50 James Maratta, 225 W 34th st, New York '41

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- Many good salesmen are being ruined by this war, 10 danger points to watch C Norton *Ptr Ink* 199 22, 24 Ap 17 '42, Same abr East Underw 43 36 pt 2 My 15 '42

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You and your dealers: a memo for salesmen about morale. B. Crowell *Sales Management* 50:33 Ap 1 '42

See also

Advertising	Mail order business
Advertising, Soliciting	Marketing
Advertising and	Merchandizing
salesmen	Package goods
Business	Sales contests
Buying habits	Sales conventions
Canvassing	Sales letters
Insurance, Life—	Sales management
Agents	Salesmen
Insurance agents	Samples (merchandizing)

Approach

Before you tackle 'the new prospect E. Whitmore *Am Business* 11:29-30 D '41

Suggestions for simplifying wartime selling procedure. G. E. Stedman, *il* *Ind Marketing* 27:27-9 O '42

Demonstrations

Miniature demonstrator builds sales for Yawman & Erbe mfg. co, Rochester, N.Y., *il* *Sales Management* 50:61 Ja 15 '42

See also Department stores—Manufacturers' demonstrations

Graphic aids

Graphic aids help get over technical points to busy executives; Cochrane corporation W. C. Bennett, *il* *Ind Marketing* 27:32-3 N '42

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Classes for farmer conducted by salesmen; McMillen feed mills. *Ptr Ink* 200:62+ S 25 '42

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Tool industry keeps its salesmen: they've become bottleneck busters. *il* *Sales Management* 50:62-4 F 15 '42

Washroom paper economy is advertised as war measure. Scott paper company, over-sold, organizes fight on waste. *il* *Ptr Ink* 199:12-13 Ap 17 '42
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This packaged sales story sells jobbers on pushing full line; Manning, Maxwell & Moore's visual presentation L. H. Brendel. *il* *Sales Management* 50:36-9 Ja 1 '42

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See also Salesmanship, Retail—Study and teaching

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How customers want salespeople to serve them C. W. Aronow and O. P. Robinson *J Retailing* 18:5-9 F '42

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Public schools now train salesmen through distributive education plan, provided by George-Deen act. E. J. Hegarty. *Ptr Ink* 197:27, 30, 32 D 12 '41

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More letters will save more tires; salesmen as letter writers C. P. FitzPatrick. *diag* *Ind Marketing* 27:32, 35+ JI '42

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Advertising, Soliciting of
Advertising and salesmen
Canvassing
Drivers as salesmen
Gas companies—Salesmen
Insurance, Life—Agents

Insurance agents
Printing trade—Salesmen
Purchasing—Treatment of salesmen
Sales contests
Sales conventions
Sales management
Salesmanship

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Necco bonus provides incentive, wins push for long-profit items. New England confectionary co. H. R. Chapman. Sales Management 50 26+ F 15 '42

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Caravaning for sales, pooling of 25 salesmen's resources in Florida. R. H. Cooper. Adv & Sell 35 36+ N '42

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See Salesmanship—Service

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See also

Insurance, Life—Agents—Training
Sales manuals

Salesmen, Jobbers'—Training
Salesmen, Retail—Training

Transportation

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Hobby club builds jobber good-will for industrial manufacturer. L. H. Brendel. Il Ptr Ink 198 15 Ja 30 '42

How to work with jobber's salesmen. J. Ungar. Ptr Ink 197:56-8, 60 D 5 '41

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Salesmanship, Retail

SALESMEN, Retail—Continued**Training**

Chrysler Airtemp trains retail salesmen by mail C J Swan Ptr Ink 197 15-17 N 28 '41

Green retail clerks: what to do about them, and how to do it J C Cumming Sales Management 51 46, 48-9 S 15 '42

How Eaton Paper trains dealers' inexperienced sales personnel Sales Management 51 24 O 1 '42

Public schools now train salesmen through distributive education plan, provided by George-Deen act. E J Hegarty Ptr Ink 197 27, 30, 32 D 12 '41

See also Salesmanship, Retail—Study and teaching

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Art of finding and managing specialty salesmen J Maratta 103p \$2 50 James Maratta, 225 W 34th st, New York '41

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SALESMEN, Treatment of. See Purchasing—Treatment of salesmen**SALESMEN and advertising. See Advertising and salesmen****SALESMEN and credit**

Credit problem in sales, talk to salesmen in the flour industry Credit & Fin Management 43 28-30 D '41

14 questions to ask salesmen, a plan used to revise credit files periodically W J Claussen Credit & Fin Management 44 16-17+ S '42

How'm I doin' a credit manager gets a rating on himself H E Bucher Credit & Fin Management 44 16-18+ O '42

Plan that cut credit period; reduced average account from 120 to 60 days R McDaniel Credit & Fin Management 44 39 Ja '42

SALESMEN'S automobiles. See Automobiles, Salesmen's**SALESMEN'S equipment**

All-America package competition, award to Marsh wall products, inc., sales-sample kit for promoting Marlite, pre-finished wall paneling il Mod Packaging 15 174-5+ Ap '42

Cochrane unifies flow meter sales story with visual presentation W C Bennett il Sales Management 51 55-7 Ag 15 '42

Sales sample kit is profitable promotion job for building materials, Marlite, pre-finished wall paneling il Ind Marketing 27 48, 50+ F '42

Sharp-edged sales tools carve out bigger orders il Sales Management 49 24-5 D 1 '41

25-lb bag replaces car load of samples for Shelby men; Shelby sales book co il Sales Management 51 32+ Ag 1 '42

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"The hell we can't" holds salesmen and prepares for postwar business, Mesker brothers' idea exchange J B G Mesker il Ind Marketing 27 19-21 N '42

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How Armstrong converted its sales set-up for war times A R Hahn il Sales Management 51 18-21 O 1 '42

How Washburn-Wilson is cashing the demand for dried legumes J S Nelson il Sales Management 51 42-4 O 20 '42

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How much time for sales reports? pictograph Sales Management 50 42 Je 15 '42

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SALESMEN'S sample cases. See Sample cases**SALESMEN'S samples floater policy. See Insurance, Inland marine—Policies****SALESWOMEN****See also**

Insurance, Life—
Agents—Women
agents

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Separation and determination of lead with salicylaldoxime W B Ligett and L P Biefield Ind & Eng Chem Anal ed 13 813-15 N 15 '41

Separation of copper, lead, and zinc with salicylaldoxime L P Biefield and W B Ligett bibliog Ind & Eng Chem Anal ed 14 359-61 Ap 15 '42

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SALICYLIC acid**Prices**

Prices ceiling Oil Paint & Drug Rep 141 3+ F 16 '42

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Preparation of acetylsalicylyl disulfide and salicylyl disulfide B Riegel and H Wittcoff bibliog Am Chem Soc J 64 1486-7 Je '42

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Modernistic rail-bus station the talk of the town, new structure on the D & R G W il plans Ry Age 112 442-4 F 28 '42

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Microgasometric determination of nitrogen in blood and saliva P F Scholander diags R Sci Inst 13 362-4 Ag '42

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Plant mechanization helps war effort, cooling and conveying equipment in Bristol Bay salmon canneries M E Bridston il Food Ind 14 50-1 O '42

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- High intensity X-ray monochromator, rock salt crystals P Kirkpatrick bibliog diag R Sci Instr 12 552-4 N '41
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- Salt as a chemical raw material C D. Looker il diags Chem Ind 49 594-601, 790-9 N-D '41
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- Salt of the earth, history, uses, properties, etc F Kutnewsky il Comp Air M 47 6733-6 My '42
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- Developments in Lake Texcoco, Caracol process produces salt and other sodium compounds, potash, etc A R Gerstel il Chem & Eng N 20 1300-2 O 25 '42

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- Hot weather health, use of salt for heat cramps Nat Safety N 45 157-8+ Mr '42
- How to avoid heat sickness Steel 111 78 Ag 3 '42
- Prevention of heat sickness Min Cong J 28 25 Ag '42
- Salt of the earth as a weapon to fight heat fatigue and sickness Safety Eng 83:40, 42 Je '42; Same abr Foundry 70 121 Je '42; Same cond Mach 48:188 Je '42
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See also

- | | |
|--------------------------|------------|
| Chlorides | Nitrates |
| Crystallization | Phosphates |
| Electrolytes | Salt |
| Halides | Silicates |
| Ionization, Electrolytic | Sulfates |

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- Coffee trade—Salvador

Economic conditions

- El Salvador weathers the storm il For Comm W 8 3-5+ S 19 '42
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 Salvage award denied crew of Albion; members bound to render services with no compensation beyond contract of employment. Weekly Underw 146 899 Ap 18 '42
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 U.S.S. Lafayette may be salvaged. Il Marine Eng 47 126-8, 130 Je '42

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Fall River salvage reported \$3,000,000 Nat Underw 46 1 N 5 '42

SALVAGE (merchandise)

Insurance salvage is not subject to OPA ceilings Nat Underw 46 1 My 21 '42

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American industries form salvage committee Comm & Fin Chr 156 287 Jl 23 '42
 Better pulling methods permit greater recovery of casing D H Stormont Il Oil & Gas J 40:54-5 N 27 '41
 Big push on scrap, general salvage and fats and oils drives Business Week p20 Je 27 '42
 Building 1,500-kva sub from salvaged material; Cambridge (Mass.) electric light company Il Elec W 117:1875 My 30 '42
 Bullard co's reclamation operations recover large amounts of metal. Steel 110 104+ My 18 '42
 Bullard's new reclamation system R D Bullard flow diag Il diag Automotive & Aviation Ind 87:44-5+ Jl 15 '42. Same, without diags Factory Management 100: 107-8 Ag '42
 California petroleum industry's salvage program S Fox Il Pet Eng 13 135-6, 138 S '42
 Call to rayon industry on conservation W. C. Appleton Rayon 23 514 S '42
 Calling all scrap metals; mine operators urged to segregate and clean up any scrap piles G T Weymouth Il Min Cong J 28 18-20+ My '42
 Can it be used? Pittsburgh Coal salvage work R W Mackensen Il Coal Age 47 56-9 S '42
 Cash offer wins fast turn-in of old merchandise, Devoe & Raynolds company scrap collection drive for paint brushes Il Ptr Ink 200 46-7 S 4 '42
 Causticizing, reburning, and settling in sulphate lime recovery G B Hughey, L K Herndon and J R Withrow bibliog Paper Tr J 114 25-32 F 26 '42
 Champion mine's old stockpiles yield ore in emergency Il Eng & Min J 142:41 N '41
 Cheat the scrap pile; reclamation of bus parts; San Antonio public service co L McInerney Il Bus Transportation 21:260-2 Je '42
 Chip-handling system M E Nevils Il Steel 111:84-5, 88 O 26 '42; Same cond Automotive & Aviation Ind 87:11+ O 15 '42
 Chromium recovery in basic openhearth. Il Metal Prog 41 506-9+ Ap '42
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 Conservation and reclamation of materials; papers read at 1941 A S M E. annual meeting Mech Eng 64 25-32 Ja '42
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 Conservation plan for used chemical plant equipment; Monsanto chemical company. G A Yocum. Chem Ind 51:542-3 O '42
 Conservation; portfolio of ideas and methods used by sound companies. Il Am Business 12:21-36+ F '42

Conservation specialist speeds collection of scrap for Standard of California. Il Nat Pet N 34:R152+ My 13 '42
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 Domestic rubber plantations; scrap rubber reclaimed A P Peck Il Sci Am 167:105-7 S '42
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 Efficient industrial salvage F P Peters. Il Metals & Alloys 16 249-52 Ag '42
 Engineering aspects of industrial scrap salvage, papers read at meeting, New York, April 28 Il diags Mech Eng 64 449-62 Je '42
 Erie gets in the scrap, salvage campaign in Erie plants Il Factory Management 100: 66-8+ F '42
 Erie plan can help every industrial community to get in the scrap Il Steel 110: 78-80, 82 Ap 13 '42
 Fat salvage quotas Soap & San Chem 18 39+ O '42
 Finds 265,000 tons of scrap, General Motors' seven months' collection includes dies and tools, borings Il Steel 111 38+ S 21 '42
 Flotation treatment of white water E N Poor and H A Whitenight bibliog diags Paper Tr J 114 21-4 F 26 '42
 Fundamentals for getting in the scrap M. M. Lee Il Ind Marketing 27 24 O '42
 General Electric conserves defense material Blast F & Steel Pl 30 143 Ja '42
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 Get in that scrap, cartoons Am Mach 86 940-1 S 3 '42
 Get in the scrap, national salvage program Il Textile World 92 61-2 Ag '42
 Get in your scrap! here's how to do it Il Food Ind 14 55+ N '42
 Getting in the scrap Barron's 22 8 O 12 '42
 Getting in the scrap C H Vivian Il diag Comp Air M 47 6801-7 Ag '42
 Gold in the scrap pile, how to handle such scrap so that it attains its full usefulness. Westinghouse electric & manufacturing company R. Schmidt Il Factory Management 100 100-1+ S '42
 Golf balls to be recovered for further use Sci Am 166 295 Je '42
 Harvester salvages worn machines in special shop Il Steel 110:38 Je 8 '42
 How Conservation division plans to collect 17,000,000 tons of scrap in six months Il Steel 111 50-1 Ag 3 '42
 How to handle salvage programs R Schmidt. Advanced Management 7 130-2 Jl-S '42
 How to operate salvage departments, Westinghouse electric & mfg co R Schmidt. Flow sheet Iron Age 149 56-60 Mr 26 '42
 How to organize a scrap and salvage campaign, Henry Diaston & sons S H Diaston Il Mach 49 182-4 S '42
 How to organize and carry out a factory scrap campaign Il Marine Eng 47 262-5 O '42; Same Heating-Piping 14:607-8 O '42
 How to salvage tin cans effectively Eng N 129 635 N 5 '42
 How to set up a salvage system, abstract Management R 31:313-14 S '42
 Importance of salvage to the war effort C Grandy. Am Water Works Assn J 34 1367-73 S '42
 Increasing recovery from aluminum scrap Steel 110 85 Mr 2 '42
 Industrial concern conducts salvage campaign in home community; Lukens steel co. Heating-Piping 14:476 Ag '42
 Industrial salvage campaign aimed at all dormant material Il Steel 110:51 Je 15 '42
 Lead from skeet grounds. Business Week p36 Je 6 '42
 Looked again for scrap; first clean-up was just a starter at Carrier G H Anglin. Il Factory Management 100:83-4 O '42

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- Machines must work for war or scrap! Rochester gas and electric corp. found 2150 tons of scrap by a thorough and systematic survey. E B. Robinson *Il Power* 86:723-5 O '42
- Major companies adopt strong wartime conservation program. T. P. Sanders. *Il Oil & Gas J* 40 94, 97 Ap 30 '42
- Making a mine dump give to the war effort, with cost data. J R Villars *Il Min Cong J* 28 21-3 N '42
- Metal reclaimed for junk piles built a war lube oil plant *Il Nat Pet N* 34 pt 2 R204-5 JI 29 '42
- More effort urged in railroad scrap quest. B C Bertram *Ry Age* 113 529-32 O 3 '42
- Nation-wide salvage to be intensified. Comm & Fin Chr 156 110 JI 9 '42
- Nationwide scrap drive to intensify oil's own campaign *Il Nat Pet N* 34 18-20 JI 8 '42
- New scrap drives *Il Business Week* p53-5 JI 25 '42
- New transformers built of old parts. C B Hawkins *Il Elec W* 117 2086 Je 13 '42
- Nut runner for utility salvage shop *Il Elec W* 118 492 Ag 8 '42
- Obsolete rubber equipment adds to salvage campaign *Il Rubber Age* 51 513 S '42
- Old auto bodies may be source of high-tin content solder, drawings showing location of solder spots proposed for auto wreckers. *Iron Age* 150 70, 72 Ag 6 '42
- Old equipment yields scrap. W McComb *Il Am Mach* 86 1091 O 1 '42
- Old transformers, making the best use of them as salvage. A L Morris *Elec R (Lond)* 130 467 Ap 10 '42
- Pacific Coast oil industry's salvage drive expands. L P Stockman *Oil & Gas J* 41 18 S 3 '42
- Paint spray recovery requested by WPB *Oil Paint & Drug Rep* 142 4+ JI 27 '42
- Panning pay dirt from your factory floor, reclamation department of Caterpillar tractor co *Il Steel* 110 66-7, 70+ Ja 19 '42. Same cond *Nat Safety N* 44 17+ D '41; Abstract Management R 31 54-5 F '42
- Philco salvage 120 carloads steel trimmings in six months *Refrig Eng* 44 224 O '42
- Pile foundations salvaged for shipyard *Il Eng N* 129 354-6 S 10 '42
- Planned war-time maintenance and salvage program, Tennessee copper company. L Weaver *Il Eng & Min J* 143 53-4 O '42
- Plant salvage practice, a symposium *Il Metals & Alloys* 16 253-66 Ag '42
- Process developed for recovering tin from cans. W S Smith *Blast F & Steel Pl* 30 350 Mr '42
- Railway bearing metals, their control and recovery. J N Bradley and H O'Neill *Il diag Engineering* 154 319-20, 339-40 O 16-23 '42. Same cond *Engineer* 154 325-6, 347-8 O 16-23 '42
- Reclaiming alloy steel parts *Il Oil & Gas J* 41:47-8 My 14 '42
- Reclaiming metal scrap from floor sweepings; reclamation plant of Westinghouse electric & mfg co. W A Phair *Il plan Iron Age* 149 41-4 Ja 29 '42
- Reclaiming metals and alloys from industrial wastes. W E Keck and F A Paciotti *Eng & Min J* 143 50 Ja '42
- Reclaiming plated metals; review of American, German, Austrian, Swiss, English and French patent literature. W. Machu *Iron Age* 149:52-3 Ap 2 '42
- Reclaiming rubber *Il Elec R (Lond)* 130:551-4 My 1 '42
- Reclaiming scrap metal; Westinghouse electric & manufacturing company *Il Comp Air M* 47:6648 Ja '42
- Reclaiming tin, used in the Bullard-Dunn process. F F Martin. *Il Iron Age* 150:52-3 S 10 '42
- Reclaiming twist drills. G E. Greaser *Il Welding J* 21:556-7 Ag '42
- Reclaiming used rails on the Paulista railway, Brazil. *Engineering* 153:18-20 Ja 2 '42
- Reclaiming used refinery equipment. A. P. Schulze *Il Pet Eng* 13:107-9, 112, 114 My '42
- Reclaiming wire for re-insulation *Il Elec W* 118 475-6 Ag 8 '42
- Reclamation and maintenance of electrical equipment. *Oil & Gas J* 41:45+ Je 4 '42
- Reclamation helps the war effort; Philadelphia transportation company. *Il Transit J* 86:88-91 Mr '42
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- Reclamation projects standardized to save working time and money. *Il Nat Pet N* 34 pt 2 R253 Ag 26 '42
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- Recovery of gilding metal from clad steel; cupric ammonium carbonate leaching. A. J. Thompson *Il Iron Age* 150:51-3 N 12 '42
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- Reducing aviation crankshaft rejects. *Iron Age* 149 61 Je 4 '42
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- Salvage campaigns will be abundant. *Ptr Ink* 199 21 Je 5 '42
- Salvage, Ford motor company, Ltd. *Mech Handling* 29 166-7 S '42
- Salvage, from a producer's viewpoint. C R Stevens *Il Steel* 111 80-1+ O 12 '42
- Salvage has become big business, many firms have created special departments. *Am Mach* 86 1192j O 15 '42
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- Salvage is a life saver, shops of St. Louis Public Service, illustrations and text. E. F. Theisinger. *Bus Transportation* 21 244-9 Je '42
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- Salvage of aluminum and magnesium castings. *Product Eng* 13:355-6 Je '42
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- Salvage specifications, summarizing methods of reclaiming defective parts. *Il diag Product Eng* 13 78-80 F '42
- Salvaged metal is used in refinery construction. *W T Ziegenhain* *Il Oil & Gas J* 41 22-3+ JI 16 '42
- Salvaging discarded equipment. B. W. Davis. *Il diag Roads & Sts* 55:35 Je '42
- Salvaging of scrap metal. *Il Aero Digest* 41. 120, 123-4 JI '42
- Salvaging old preheaters. J H Sengstaken *Il diag Power* 86:186-7 Mr '42
- Salvaging scarce metals; Caterpillar tractor co. R W Hughes. *Il Factory Management* 100 70-1+ Ja '42
- Salvaging scrap metals within the plant; North American aviation, Inglewood, Calif. *Il Factory Management* 100:105-7 Ag '42
- Salvaging scrap to win the war. R. Schmidt. *Power Pl Eng* 46:182+ My '42; Same, *Marine Eng* 47:133-4 My '42; Same *Chem Ind* 51:234+ Ag '42; Abstract *Am Mach* 86 490-1 My 14 '42
- Salvaging tubes; Tin salvage institute reclaims metals from used collapsible tubes. *Business Week* p83-4 My 23 '42

SALVAGE (waste, etc.)—Continued

Salvaging two thousand tons of street car rails for war needs M M Smith il Pub Works 73 11-13+ Ag '42
 Salvaging with vacuum il Iron Age 149 61 Mr 26 '42
 Salvaging worn tools, International harvester co H E Fleming il Steel 110 58-9+ F 23 '42
 Saturate and wax braid of old wire diag Elec W 117.1858-9 My 30 '42
 Save all scrap to win this scrap! Salvage committee of the textile spinning, weaving and finishing industries H R Mauersberger, Rayon 23 552-3 S '42
 Save and serve through salvage, reclamation of used pipe J E Moore il Gas Age 90 15-17 S 10 '42
 Saving with salvage Management R 31 131-2 Ap '42
 Scrap clinic unifies salvage effort, ceiling prices not to be increased Steel 110 52 Ap 27 '42
 Scrap drive, disposition of dies and machinery used for 1942 and earlier models E L Warner, jr il Automotive & Aviation Ind 87 9-10+ O 15 '42
 Scrap drive uncovered tons of steel and paper il Factory Management 100 95 Je '42
 Scrap drives intensified il Steel 111 80-1+ S 14 '42
 Scrap for victory, Illinois Central employees search corners and dumps il Ry Age 113 4-8 Jl 4 '42
 Scrap from textile mills, Union-Buffalo mill, salvage program il Textile World 92 91 S '42
 Scrap lessons from Brazil A J Poirier il For Comm W 83-5+ Ag 15 '42
 Scrap piles contain valuable alloy elements, possibilities of recovering nickel W L Nelson il Oil & Gas J 40 46 D 18 '41
 Scrap salvage, now a major operation at West Coast aircraft plants R R Kay il Automotive & Aviation Ind 86 17-19, 68+ Je 15 '42
 Scrap scramble il Business Week p17-18+ F 14 '42
 Six-pronged drive for raw materials launched Barron's 22 6 Jl 6 '42
 Steel industry sponsors \$1,500,000 advertising campaign on salvage Steel 110 37-8 Je 8 '42
 Story behind the fat salvage plan il Soap & San Chem 18 28-9+ S '42
 Stripping machine reclaims wire J F Emery il diag Elec W 117 1023-4 Mr 21 '42
 Successful salvage campaign that cost under \$300, Miller company, Meriden, Conn H L Harrison il Ind Marketing 27 26-7+ S '42
 Telephone industry saves metal il Metal Prog 41 57-8 Ja '42
 Tin cans for salvage of tin Min & Met 23 388-9 Jl '42
 Two hundred salvage wardens hunt scrap, Westinghouse electric and manufacturing company Heating-Piping 14 668 N '42
 V-plan saves vital metals, Wright aeronautical corporation C J Wiberg and F D Kent il Am Mach 86 761-3 Jl 23 '42
 Same cond Management R 31 349-50 O '42
 Victory program for our industry, reclamation il Dom Eng 159 46-9+ Ja '42
 War metallurgy group reports on salvaging brass-clad steel scrap Steel 111 37 O 19 '42
 War metals from scrap: Western electric company il Factory Management 100 69-72 F '42
 War on waste; economy and salvage program of Consolidated Edison company il Am Gas Assn Mo 24-124-6 Ap '42
 War scrap salvage cuts refuse disposal costs, Highland Park, Mich Eng N 129 549 O 22 '42
 Waste-salvage program at Rahway; Merck & co H Stephenson il Chem & Met Eng 49-92-3 O '42
 Western Electric reclaims maximum amount of scrap il Am Mach 86 34e Ja 8 '42
 Winning the war on waste; Timken roller bearing company il Factory Management 100 77-82 Jl '42
 Wright aeronautical plan for salvaging materials, il Mach 48:126-7 Je '42

Your junk can help win this war S A. Tucker il Power 86 300-3 My '42
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Alcohol	
Alcohols	Cyclohexane
Ammonia	Furfural
Benzene	Glycol
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| Echo | Soundproofing |
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| Hearing | Tones |
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| Noise | Voice |

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| Dictating machines | Sound—Measurement |
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 change change
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 change exchange
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 change
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Electric driving—
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Hosiery mills
Knitting mills
Rayon mills
Textile industry
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Rubber waste	Waste paper
	Waste products
	Wood waste

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Oil reclamation	Scrap metal
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Chemurgy	Foundries—Waste
Coke manufacture—	Gas manufacture—
By-products	By-products
Coke-oven gas	Lignin
Flue dust	Salvage (waste, etc)

Scrap metal
Sewage sludge—Gas
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Straw

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Dehydration	Ocean
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Feed water	Sea water
Floods	Solution (chemistry)
Humidity	Steam
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Water—Bacteriology
Water distribution—
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See also

Dams	Reservoirs
Irrigation	Standpipes
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